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ABSTRACT

Nearly all school districts in Nevada qualify for Chapter 1 funds for educationally and economically disadvantaged children. All Chapter 1 programs are evaluated annually, and children participating are given pre- and posttests to measure their gains during the school year. Program evaluation data for 1990-91 are summarized. The first section shows the average gains in normal curve equivalents for the state in reading, mathematics, and language, and the number of children served at each grade level. State average testing results are also shown. The second section shows a summary of gains made for the subjects each district serves, with a brief narrative about the Chapter 1 program for each of 15 districts. All districts are represented except for one that was ineligible and one that received an exemption from reporting because of different pre- and posttest instruments. Eight bar graphs and one table present the study totals, and there are four tables for each district. (SLD)

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NEVADA CHAPTER 1 BASIC AND ADVANCED SKILLS GAINS FOR 1990-1991

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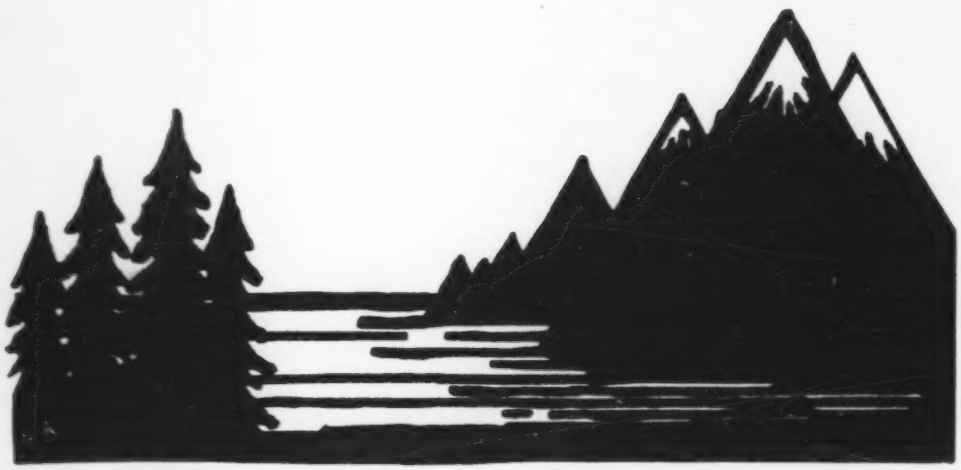

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August 1992

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INTRODUCTION

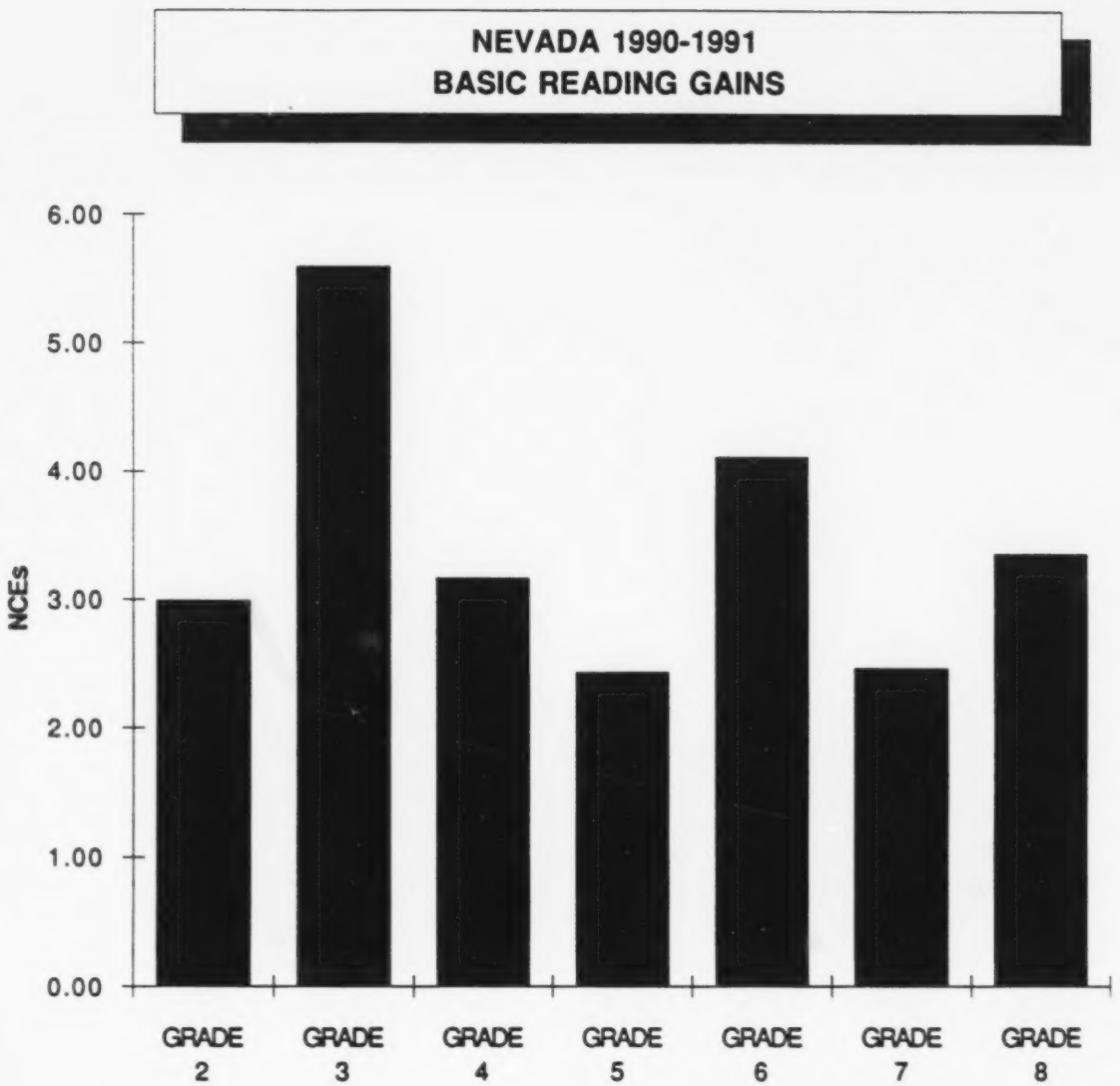
Chapter 1 is a federally funded supplementary program for economically and educationally disadvantaged children. Nearly all school districts in Nevada qualify for Chapter 1 funds because of high levels of low-income families with children present during the 1980 census. Each school district determines whether reading, math or language is the subject area of greatest need. After determining which schools in the district qualify for Chapter 1 funding, the district then develops an educational plan serving the subject area of greatest need and possibly other subject areas. The district's plan also addresses the ages of children which will receive Chapter 1 services.

All Chapter 1 programs are evaluated annually. Chapter 1 children who participate are given pre and post tests to measure what gains they have made during the school year because of these services. This report is a summary of the 1990-1991 evaluation data. The report is divided into two sections with the first section showing the average gains in NCEs (Normal Curve Equivalent) for the state in reading, math and language and the number of children served at each grade level. Districts providing Chapter 1 services for reading and math also have to report advanced testing results for those subjects. Those state averages are also shown. The second section of this report shows a summary of gains made for the subjects each district serves and a brief narrative about the district's Chapter 1 program.

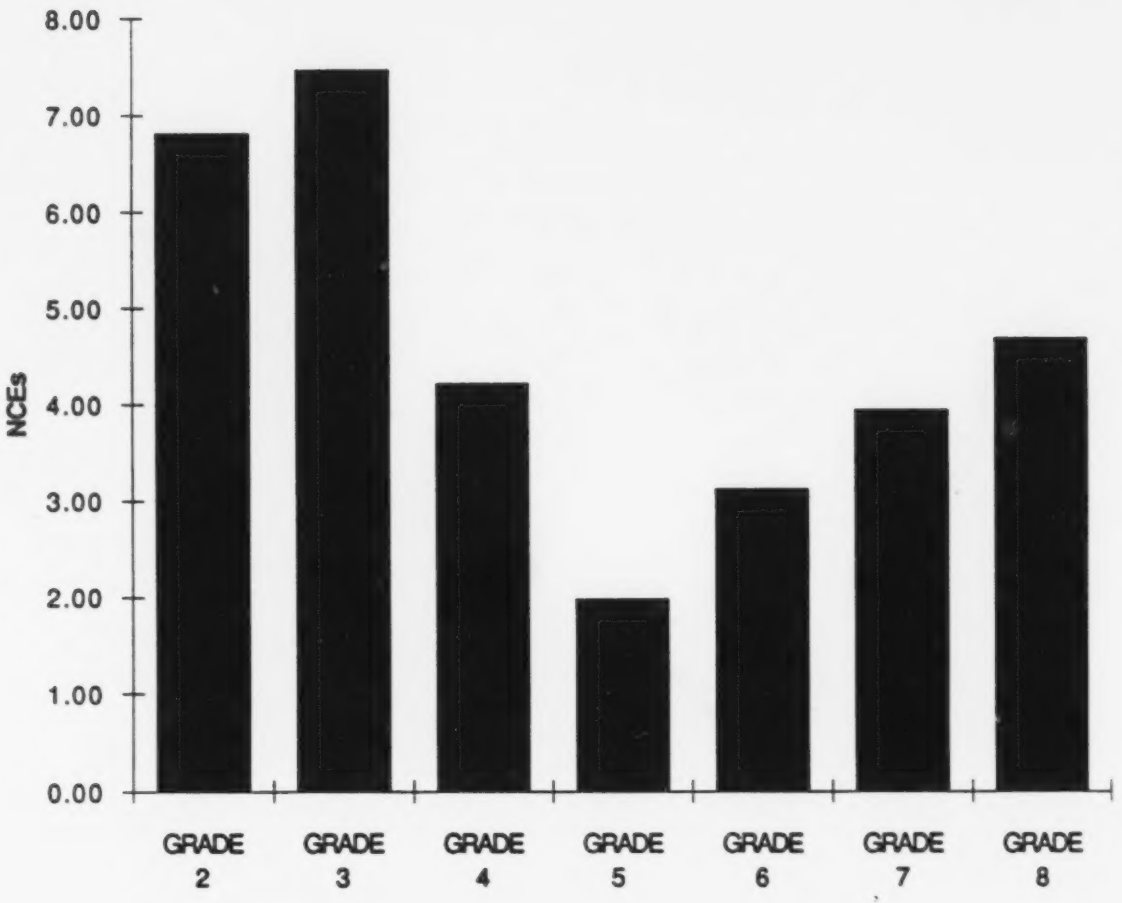
In this report NCEs are used in reporting all data in grades 2 through 12 and percentages are used to report students achieving other outcomes for grades K and 1. NCEs are standard scores constructed for Normed Reference Tests to have a standard deviation of 21.06. This value was selected because it produces an exact match between NCEs 1 and 99 and percentiles of 1 and 99. Thus, with the same range as percentiles, NCEs are more meaningful. They are the equal-intervals which allows this reported data to be aggregated and averaged. Any NCE score above zero shows growth. In general, the higher the NCEs the greater the growth. A zero NCE score does not mean there was no growth, it only indicates that the growth was what was expected to occur for an individual at that grade for that subject without Chapter 1 intervention.

In this report, all Nevada districts are represented except for Esmeralda County School District which is ineligible for Chapter 1 funds and Storey County School District which was granted a one time exemption because of different pre and post test instruments.

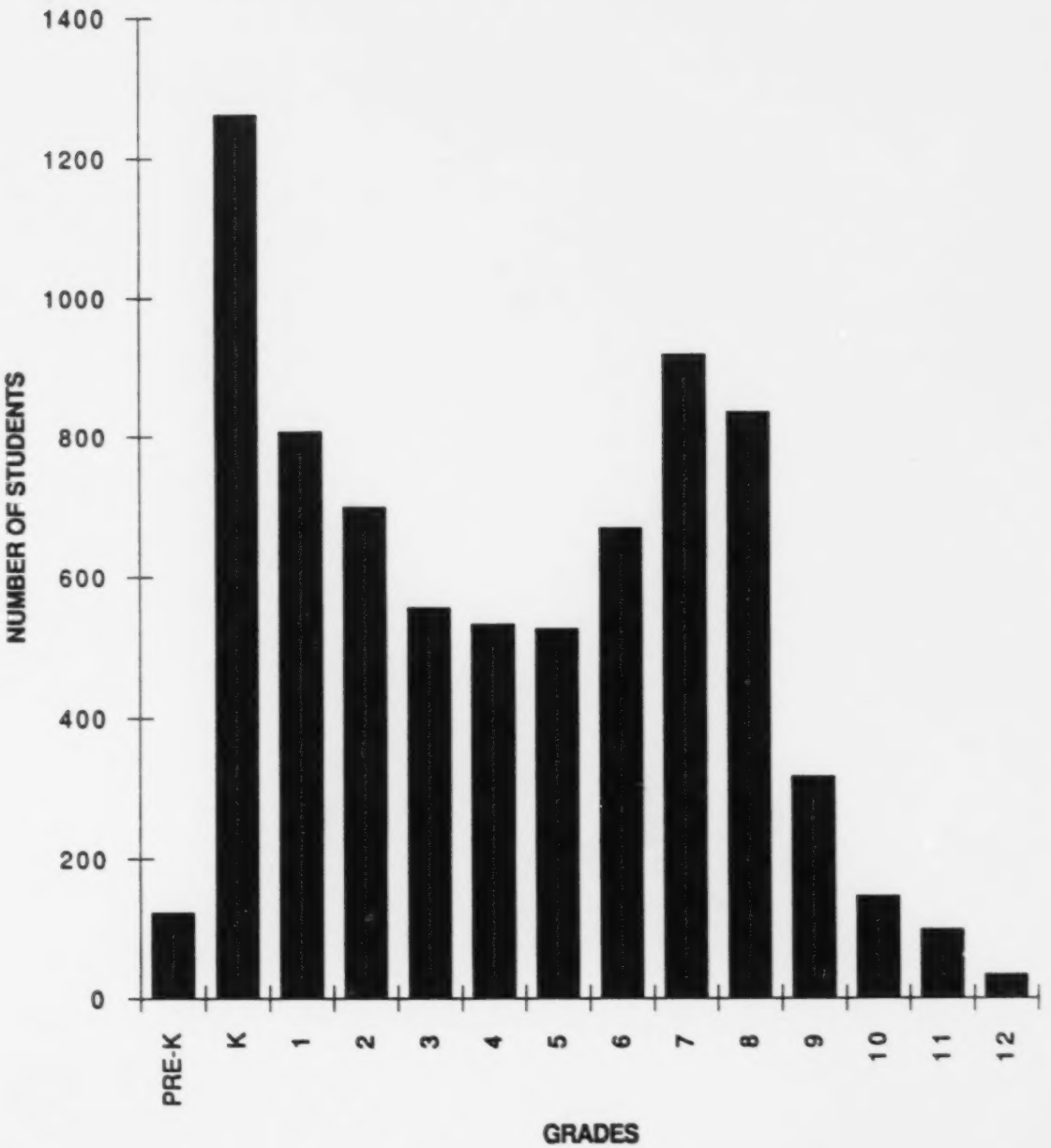
Anyone interested in obtaining more information about Chapter 1 results should contact their local school district Chapter 1 office or the Nevada Department of Education.

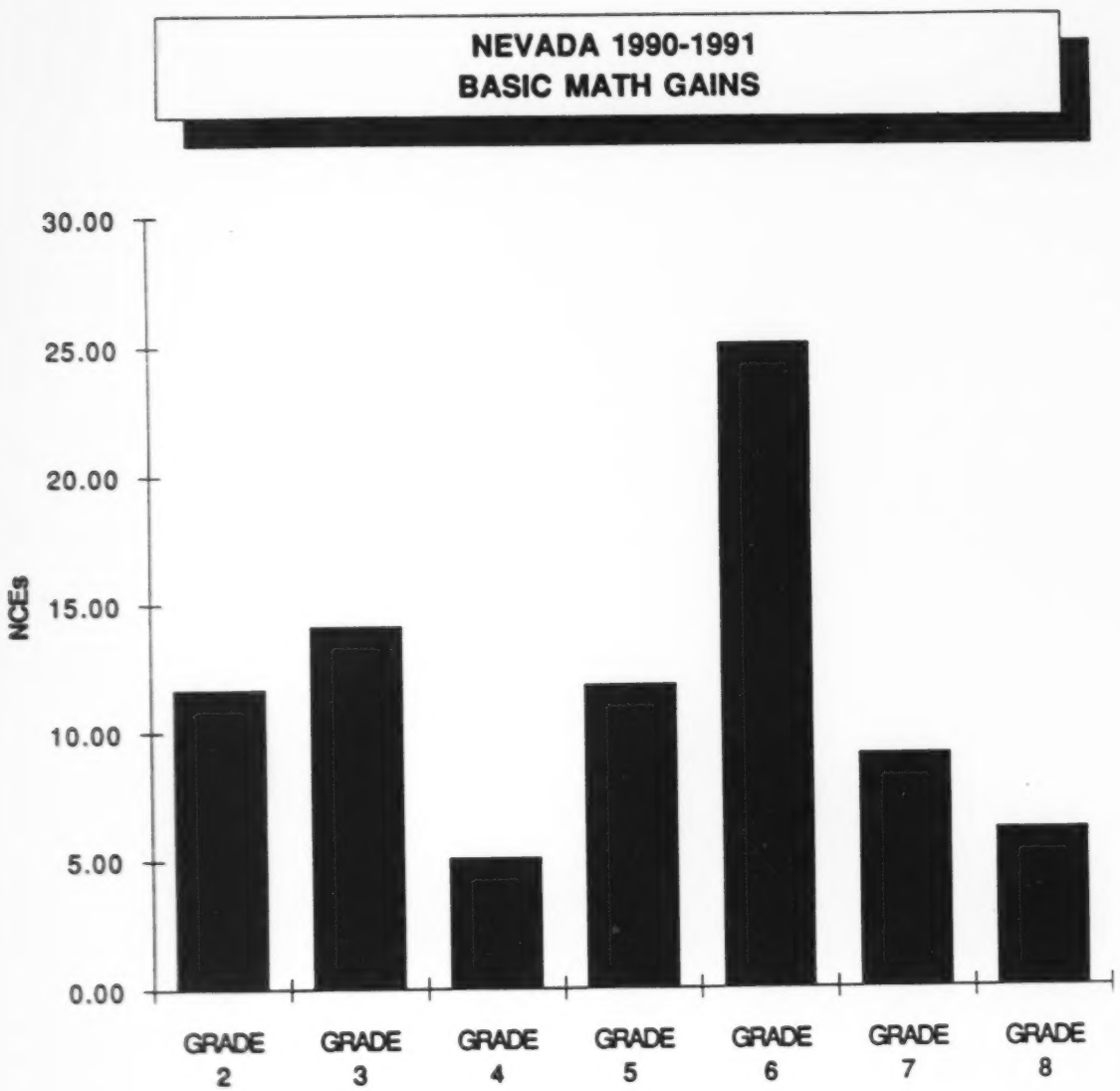

NEVADA 1990-1991
BASIC READING GAINS
NCEs
6.00
5.00
4.00
3.00
2.00
1.00
0.00
GRADE 2
GRADE 3
GRADE 4
GRADE 5
GRADE 6
GRADE 7
GRADE 8

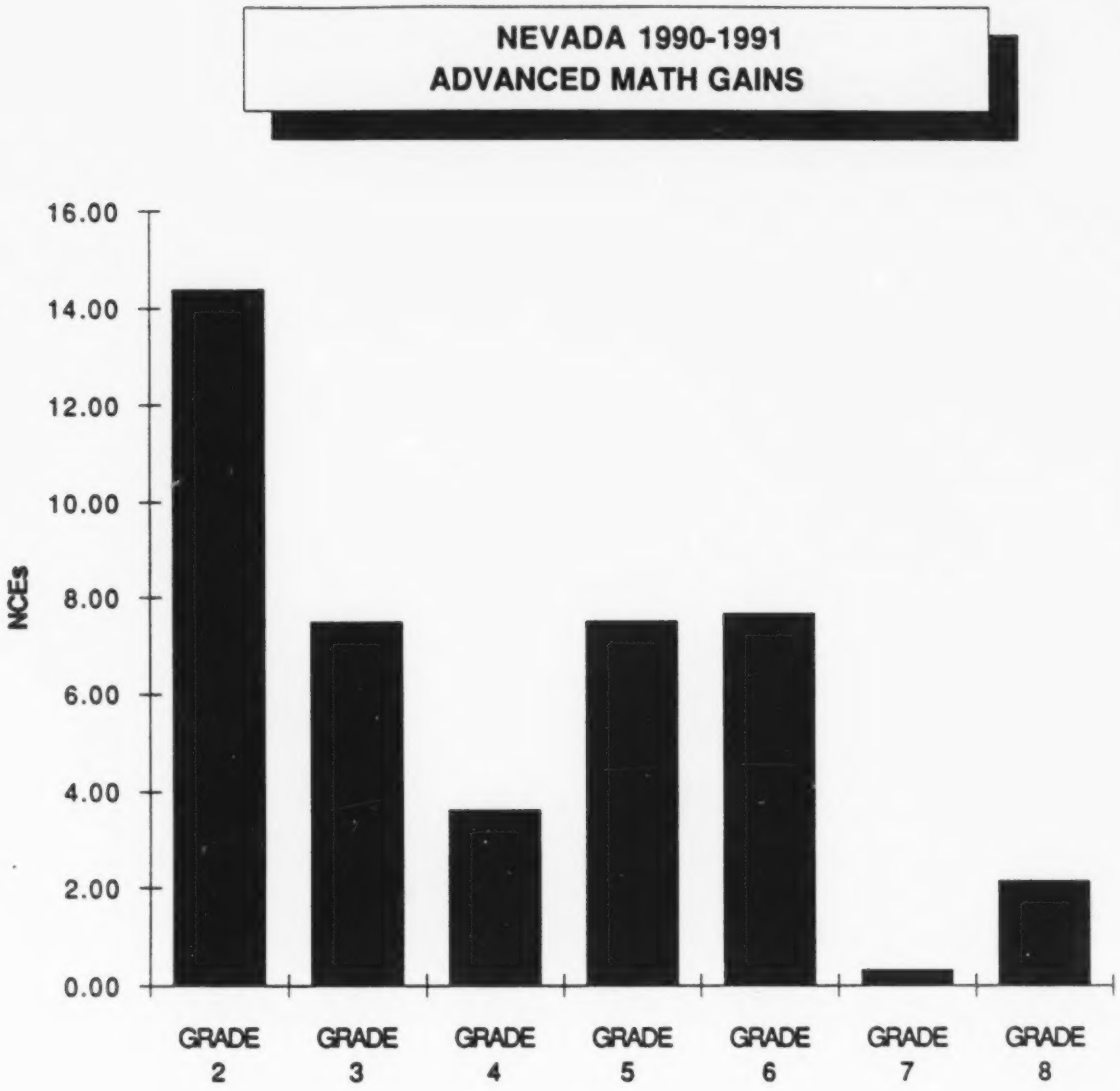
NEVADA 1990-1991
ADVANCED READING GAINS



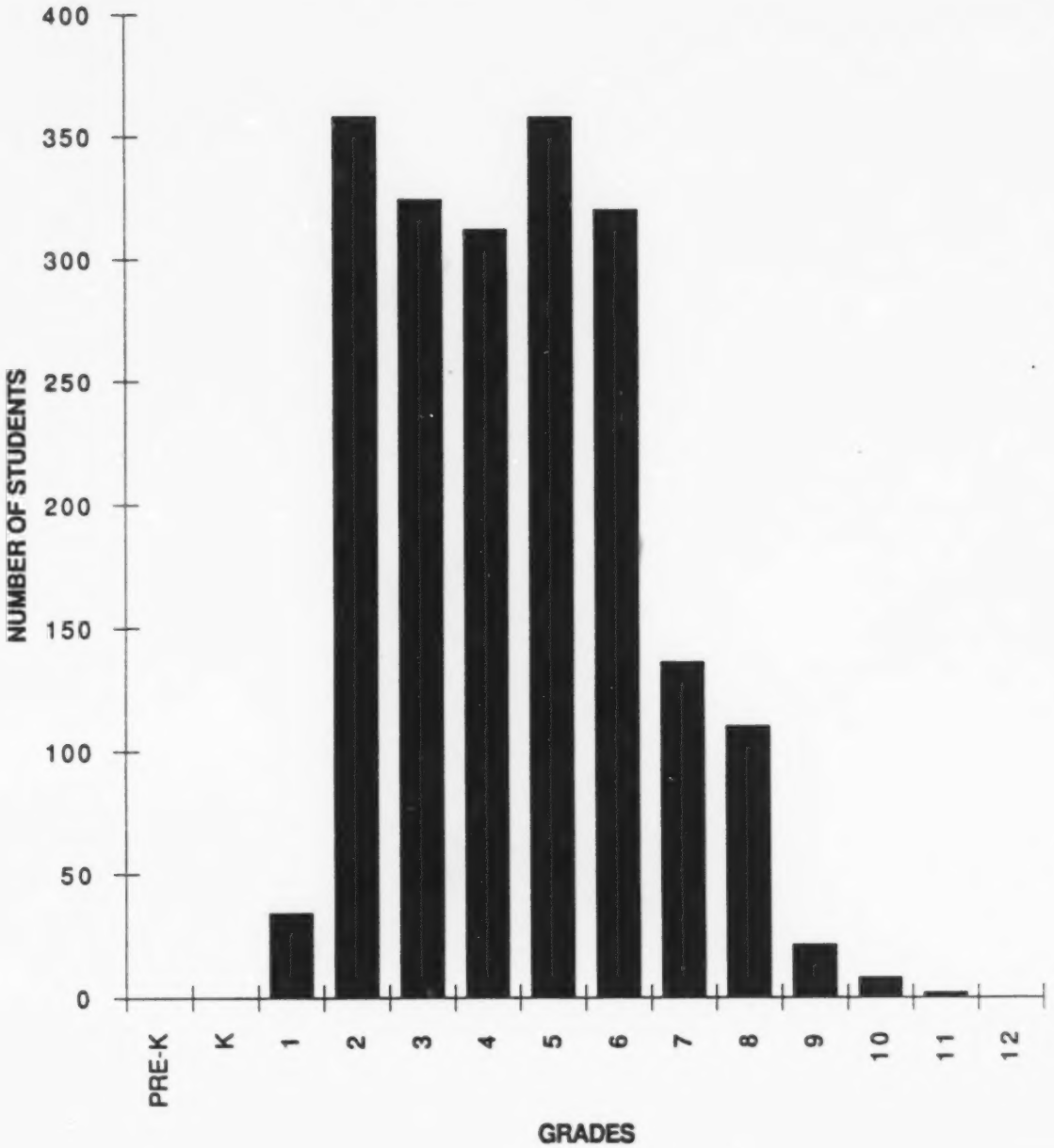
READING PARTICIPANTS 1990-1991

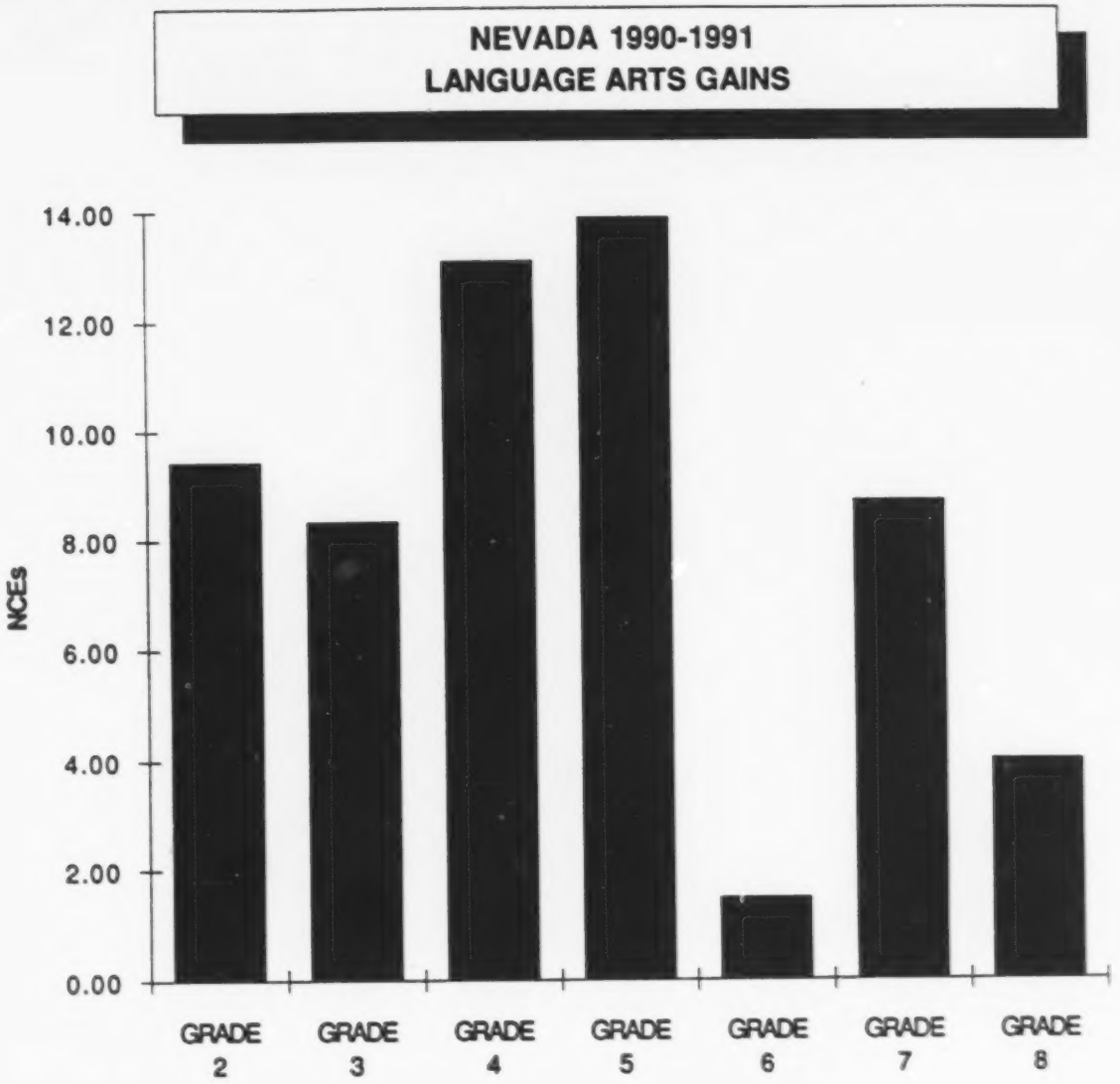



NEVADA 1990-1991
BASIC MATH GAINS
NCEs
30.00
25.00
20.00
15.00
10.00
5.00
0.00
GRADE 2
GRADE 3
GRADE 4
GRADE 5
GRADE 6
GRADE 7
GRADE 8

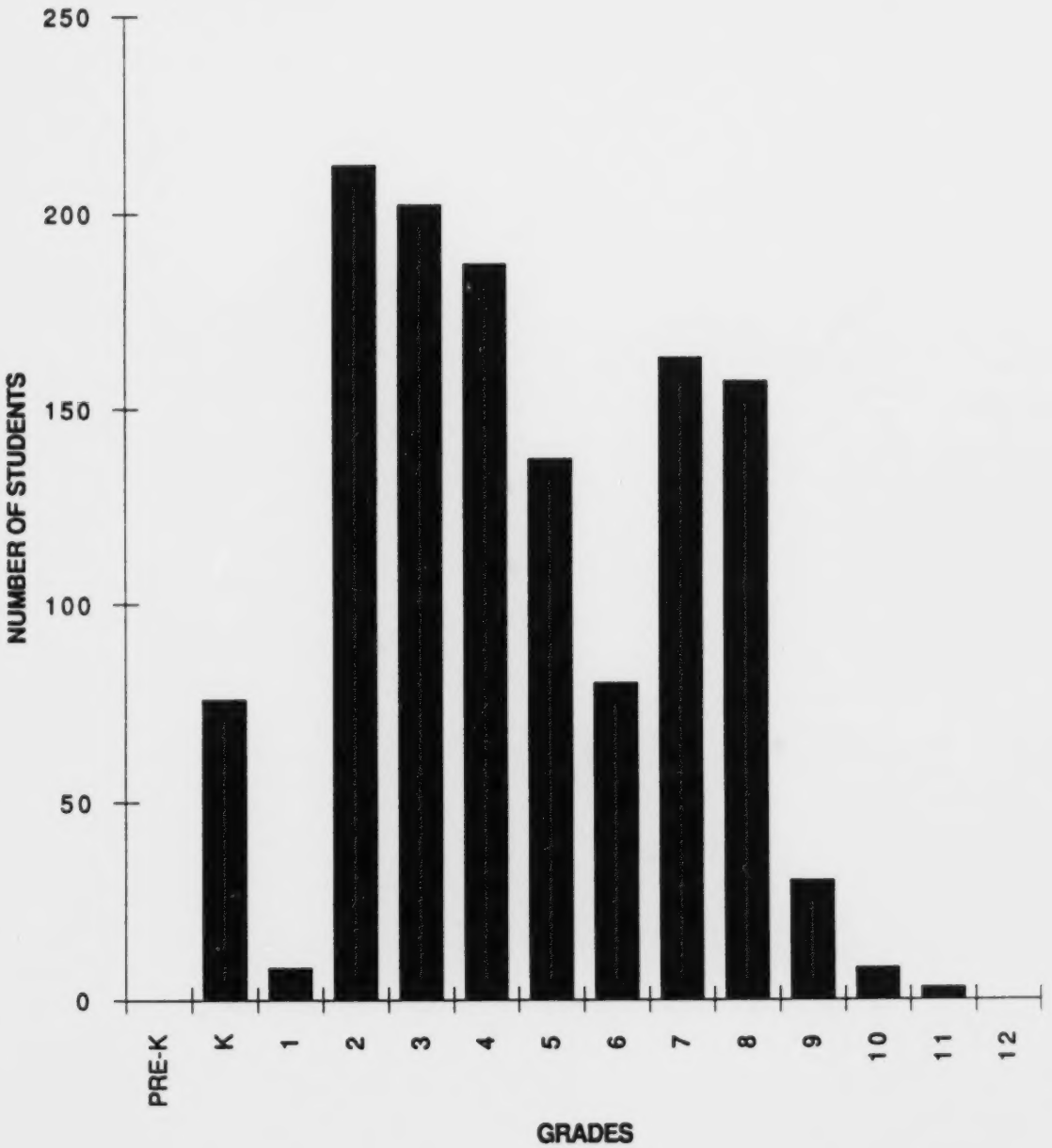

NEVADA 1990-1991
ADVANCED MATH GAINS
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
NCEs
GRADE 2
GRADE 3
GRADE 4
GRADE 5
GRADE 6
GRADE 7
GRADE 8

MATH PARTICIPANTS 1990-1991




NEVADA 1990-1991
LANGUAGE ARTS GAINS
NCEs
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
GRADE 2
GRADE 3
GRADE 4
GRADE 5
GRADE 6
GRADE 7
GRADE 8

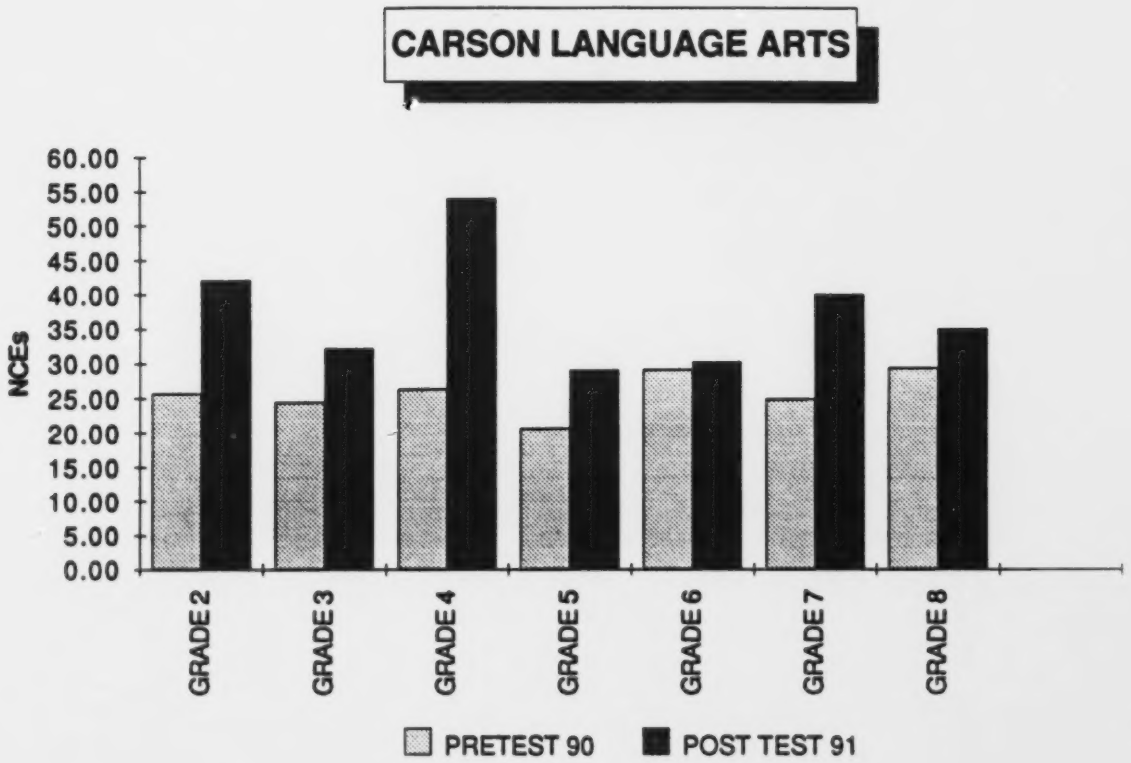
LANGUAGE ARTS PARTICIPANTS 1990-1991



CHAPTER 1 STUDENTS SERVED IN NEVADA SCHOOL DISTRICTS 1990-1991

SCHOOL DISTRICT	PRE-K	K	1	2	3	4	5	6	7	8	9	10	11	12	DISTRICT TOTAL
CARSON CITY	0	0	0	83	57	59	37	21	26	28	11	6	1	0	329
CHURCHILL	0	92	52	67	77	26	0	0	0	0	0	0	0	0	314
CLARK	122	1,097	669	512	384	417	432	592	879	814	292	137	94	33	6,474
DOUGLAS	0	76	0	0	0	0	1	1	5	9	21	8	2	0	123
ELKO	0	0	9	74	37	36	49	45	0	0	0	0	0	0	250
EUREKA	0	0	3	5	1	3	9	3	5	0	4	0	2	0	35
HUMBOLDT	0	0	32	77	40	30	41	29	49	21	0	0	0	0	319
LANDER	0	0	0	0	0	24	16	19	0	0	0	0	0	0	59
LINCOLN	0	0	0	5	11	8	11	3	0	0	0	0	0	0	38
LYON	0	0	1	19	55	31	36	31	21	0	0	0	0	0	194
MINERAL	0	0	20	28	24	38	33	29	6	3	0	0	0	0	181
NYE	0	73	34	0	0	0	0	0	0	0	0	0	0	0	107
PERSHING	0	0	23	2	9	3	3	2	0	0	0	0	0	0	42
STOREY	0	0	0	0	8	7	8	4	3	7	0	0	0	0	37
WASHOE	0	0	0	282	294	254	277	242	125	127	0	0	0	0	1,601
WHITE PINE	0	0	10	12	15	16	0	17	15	19	0	0	0	0	104
TOTAL	122	1,338	853	1,166	1,012	952	953	1,038	1,134	1,028	328	151	99	33	10,207

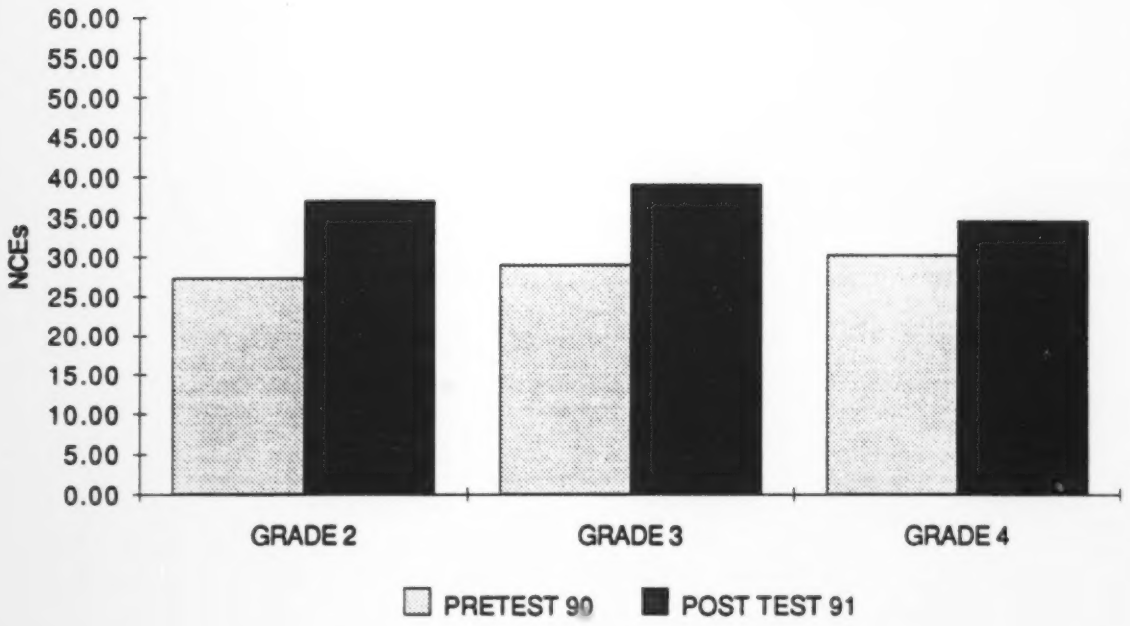
CARSON CITY SCHOOL DISTRICT



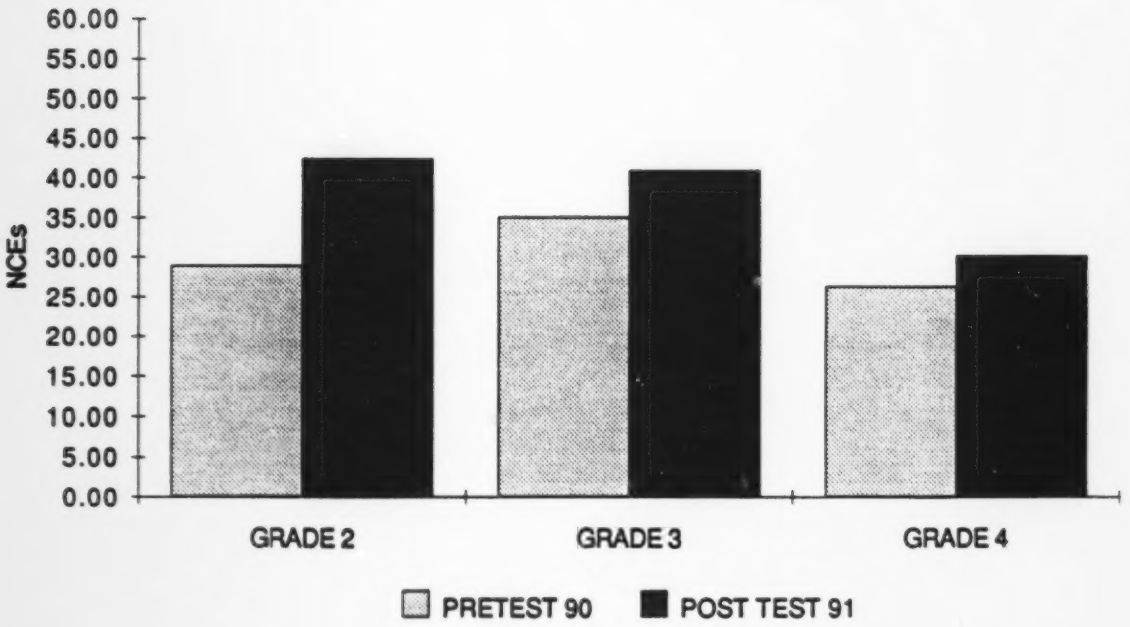
The Chapter 1 program in Carson City served 329 students in grades 2 through 9. Four students in a non-public school and 12 students in a local institution for neglected or delinquent were served. The district's greatest need was Language Arts. Pre and post test gains were measured using the Comprehensive Test of Basic Skills. All grades 2 through 8 showed a gain when comparing pre and post test scores.

CHURCHILL COUNTY SCHOOL DISTRICT

CHURCHILL BASIC READING



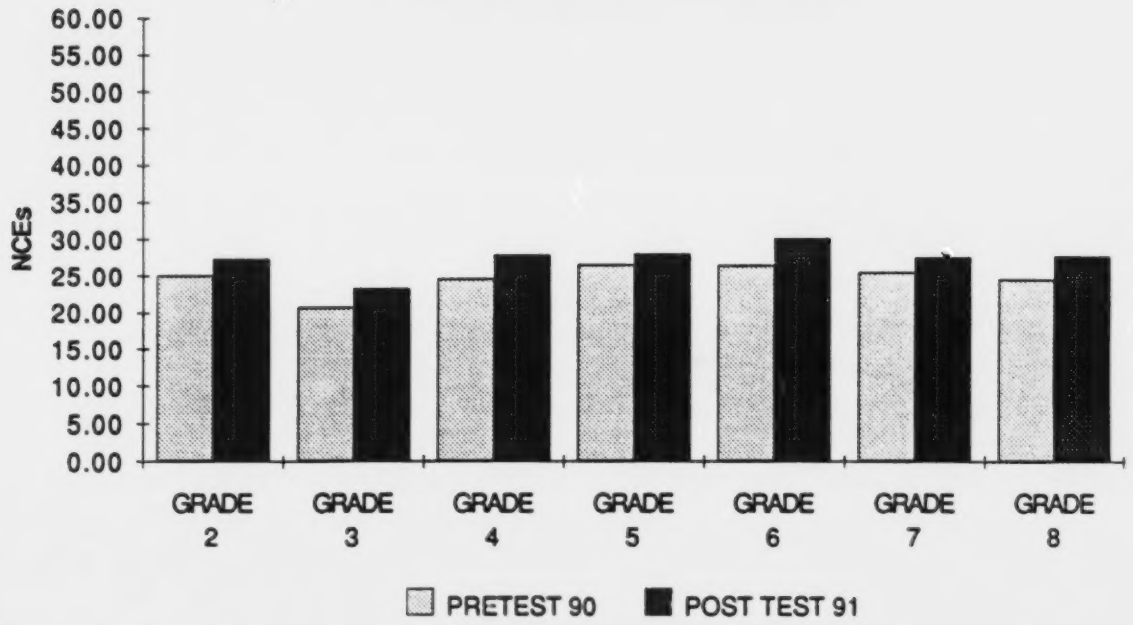
CHURCHILL ADVANCED READING



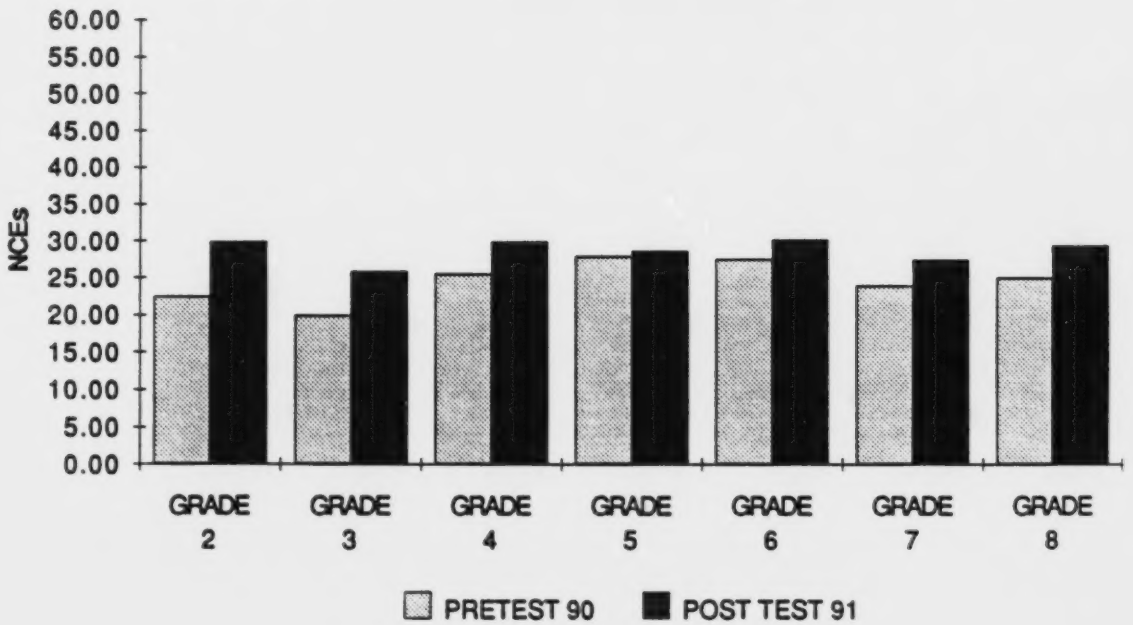
The Chapter 1 program in Churchill County School District served 314 students in grades K through 4. The district's greatest need was in reading and they chose to only serve students in that subject area. Pre and post test results were measured using the Comprehensive Test of Basic Skills in grades 2 through 4 for both basic and advanced reading scores. The district did not achieve the desired goal for the kindergarten program. The goal stated that 100% of the kindergarten students would achieve 75% of the objectives on a developmental checklist. 80% of the Chapter 1 students achieved the goal of reaching 75% of the developmental objectives.

CLARK COUNTY SCHOOL DISTRICT

CLARK BASIC READING

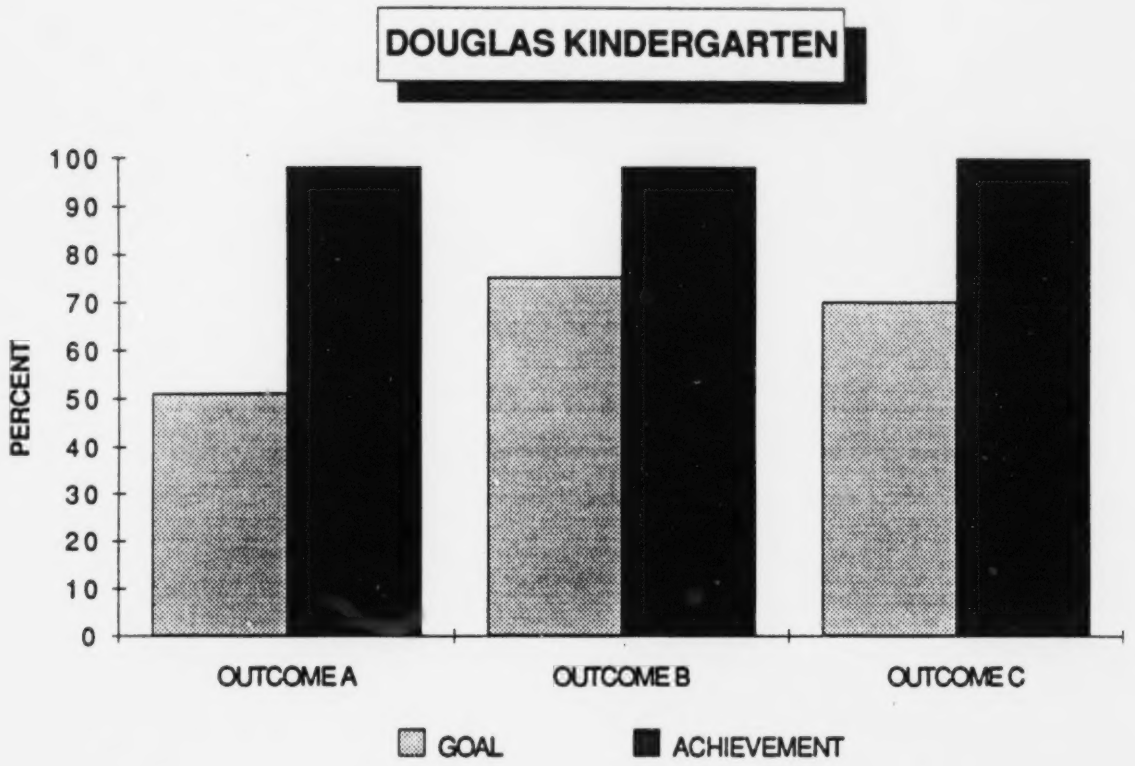


CLARK ADVANCED READING



Reading was the subject of greatest need in Clark County School District. Approximately 6,474 students were served in the Chapter 1 program. Eligible students in private schools were also served through a mobile instructional van. Students in local institutions for neglected or delinquent were served in their area of greatest need. The Comprehensive Test of Basic Skills was used to measure gains in grades 2 through 9. Students made gains based on a pre/post test analysis of scores. In the pre-kindergarten, kindergarten and first grade components, gains were measured using a developmental survey instrument. 29 of the 30 schools serving this specific population achieved the district's desired outcomes.

DOUGLAS COUNTY SCHOOL DISTRICT



OUTCOME A - 51% of the students served by the Chapter 1 program will show a gain in two of the five skill areas on the EPSF skills checklist.

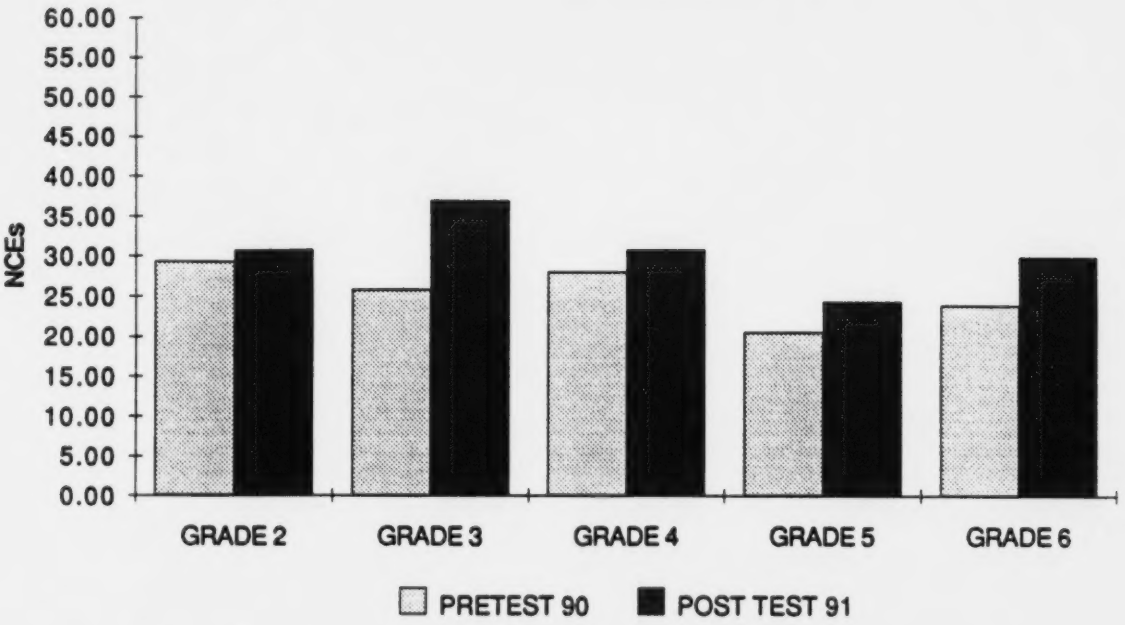
OUTCOME B - 75% of the students served by the Chapter 1 program will show skill improvement as reported on the three-time yearly teacher progress report to parents.

OUTCOME C - 70% of the parents with children served by the Chapter 1 program will perceive positive gains by their children as reported in a twice yearly opinion survey of parents.

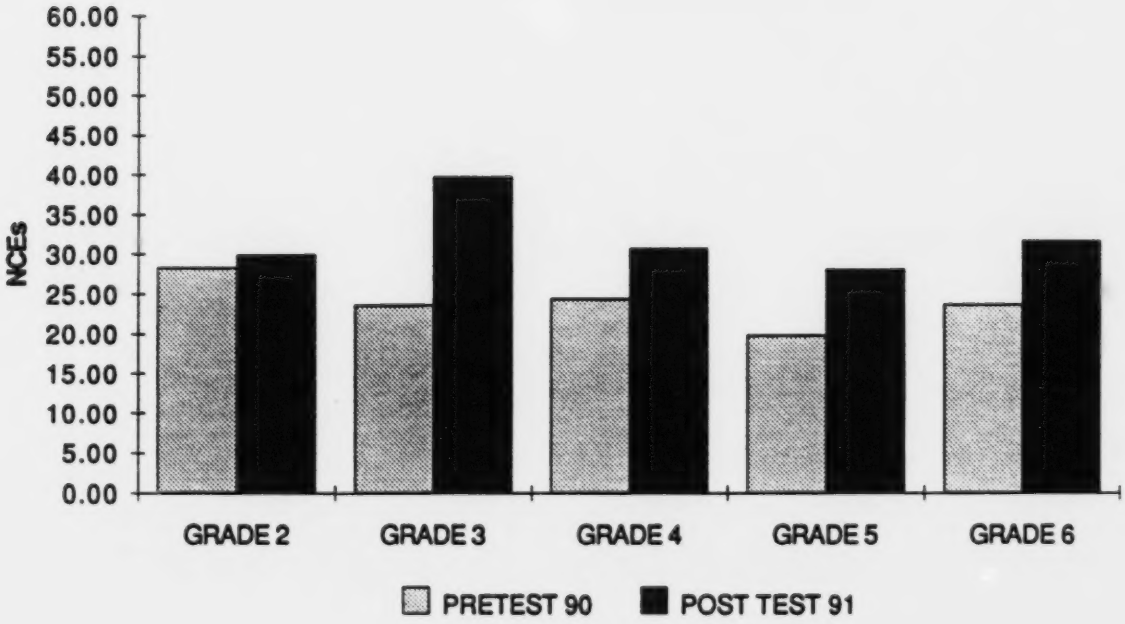
The Chapter 1 program in Douglas County School District served 76 students in kindergarten and 47 students in grades 6 through 12 that were institutionalized. The above chart represents the goals established for kindergarten students and the results toward achieving those established goals. Students institutionalized at China Springs in grades 6 through 12 are not charted because of the small student populations at these grade levels.

ELKO COUNTY SCHOOL DISTRICT

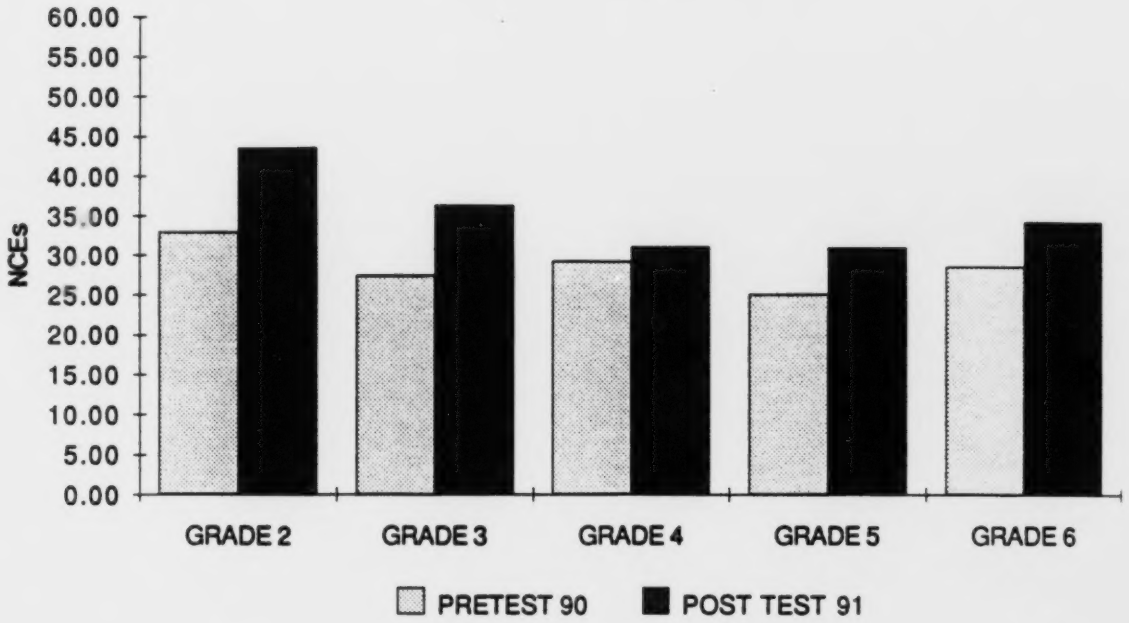
ELKO BASIC READING



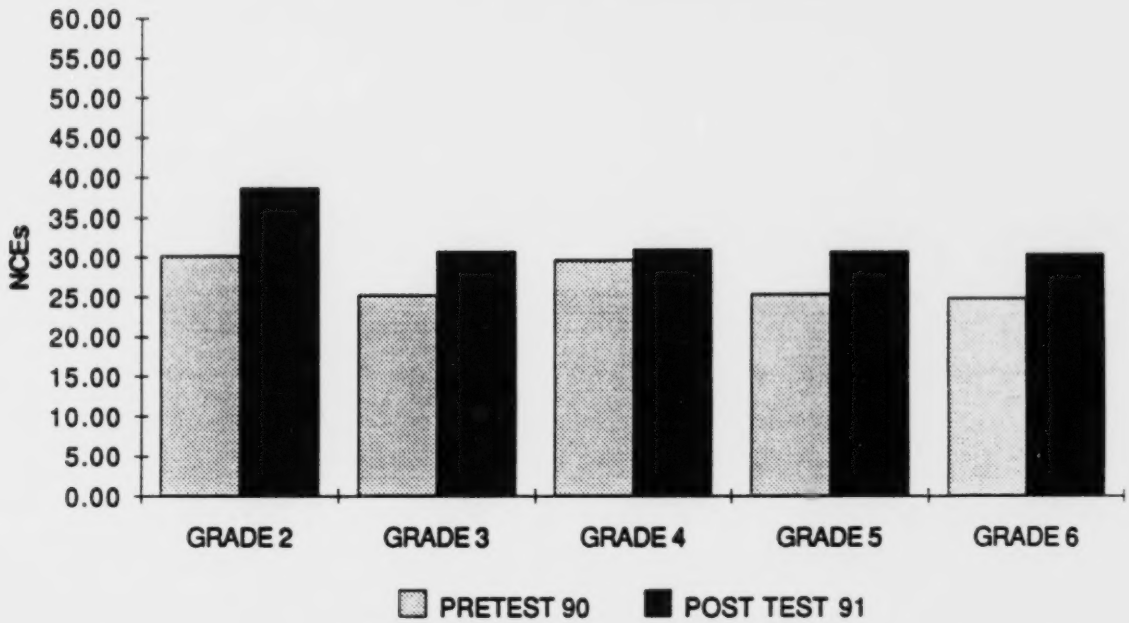
ELKO ADVANCED READING



ELKO BASIC MATH



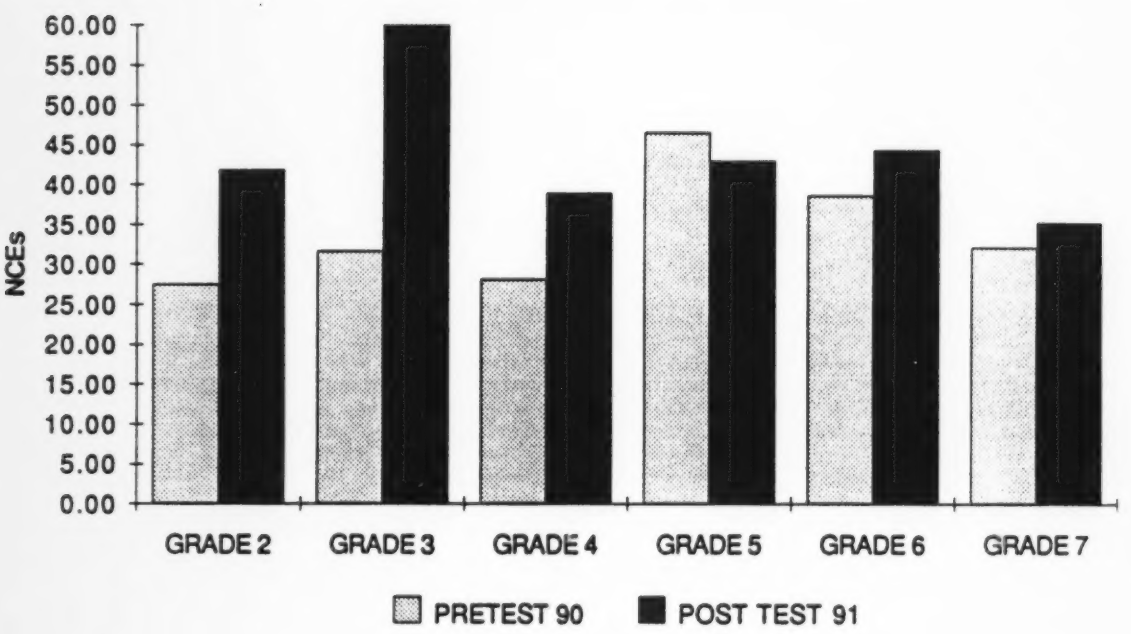
ELKO ADVANCED MATH



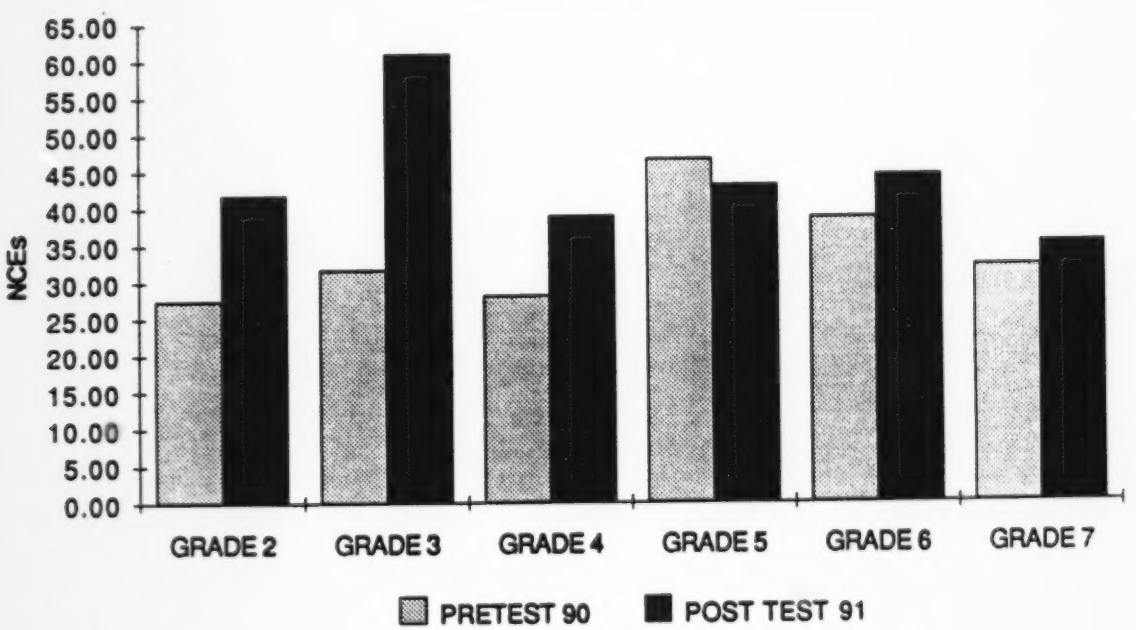
The Chapter 1 program in Elko County School District served 250 students in grades 1 through 6. The district's greatest need was in reading and they chose to serve students in that subject area along with math. Pre and post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 6. Students served showed gains in all grades for all subjects.

EUREKA COUNTY SCHOOL DISTRICT

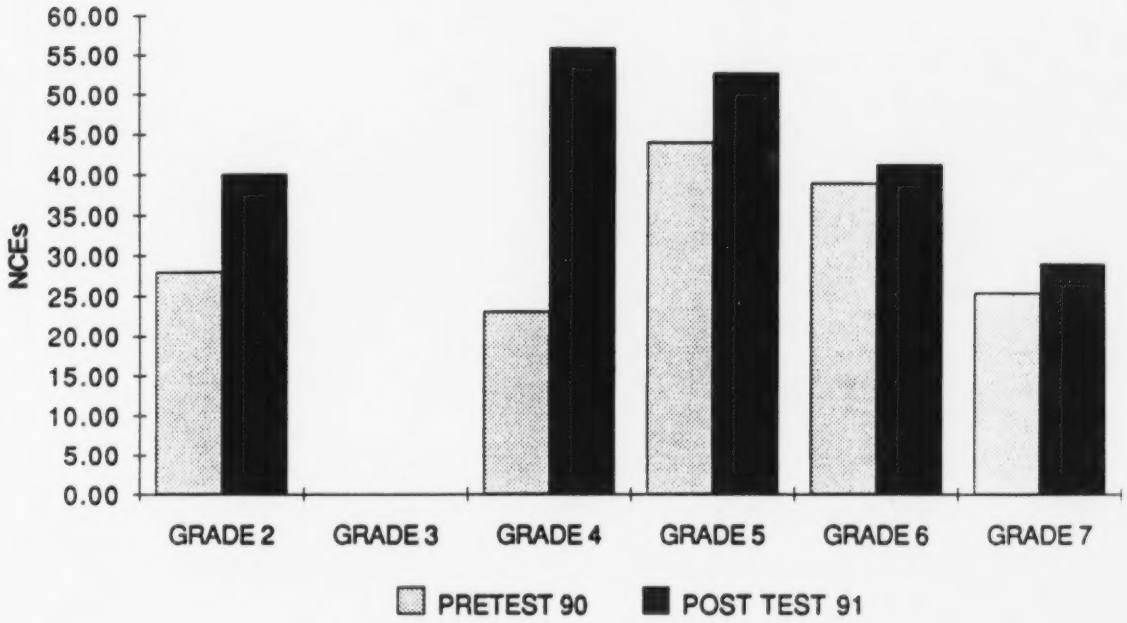
EUREKA BASIC READING



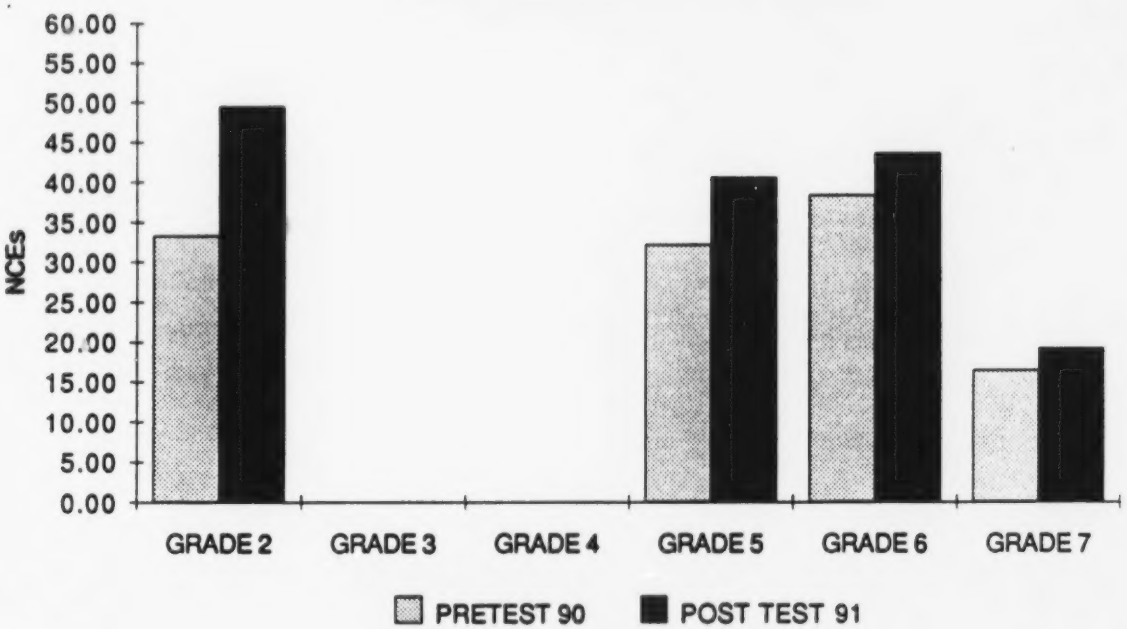
EUREKA ADVANCED READING

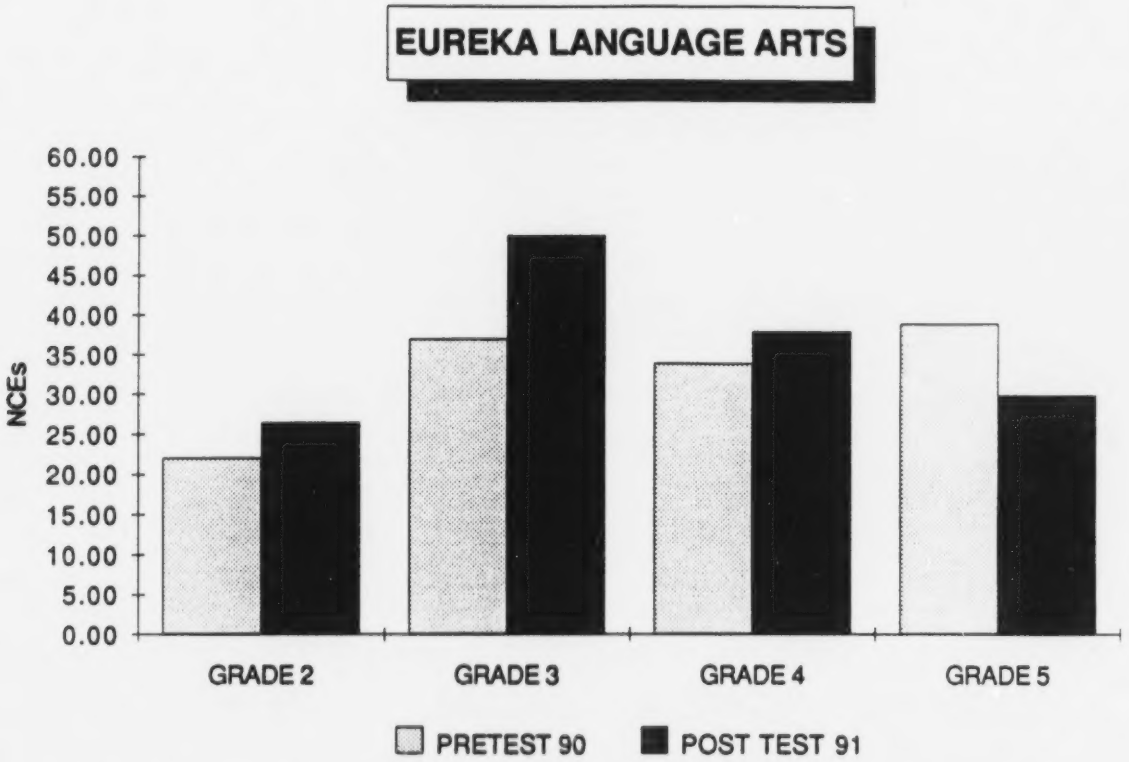


EUREKA BASIC MATH



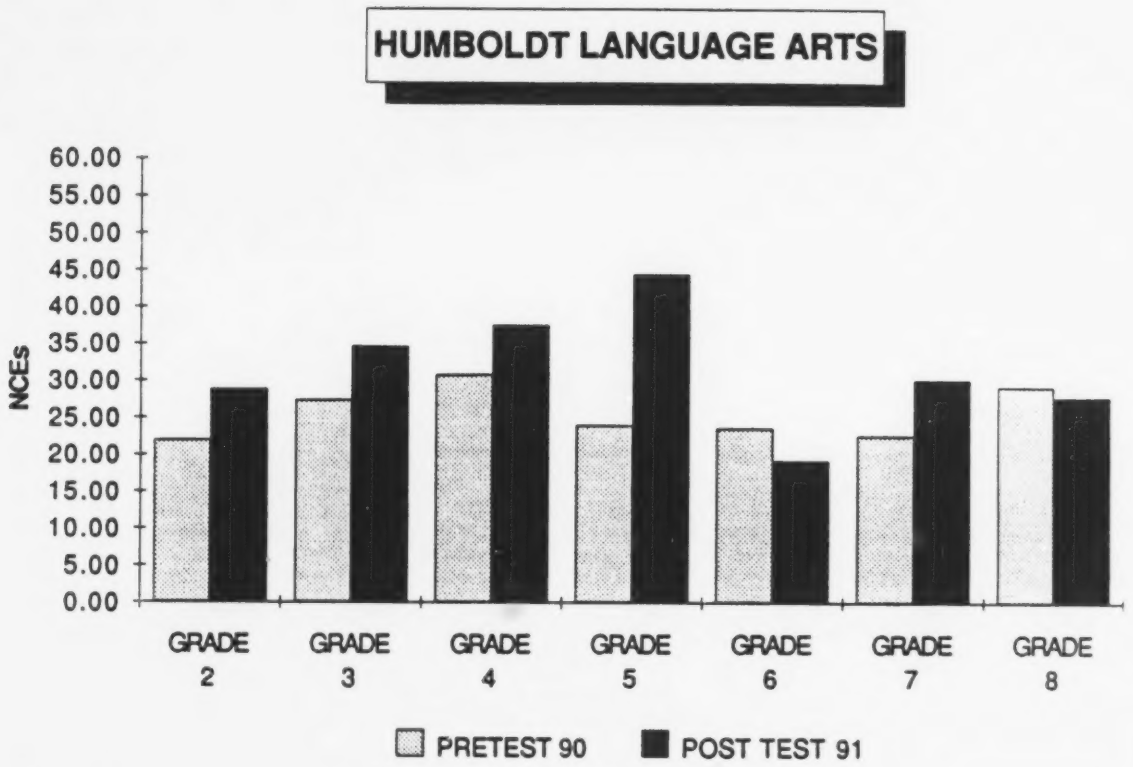
EUREKA ADVANCED MATH





The Chapter 1 program in Eureka County School District served 35 students in grades 1 through 11 The district's greatest need was in math and they chose to serve students in that subject area along with reading and language arts. Pre and post test results were measured using the Comprehensive Test of Basic Skills in grades 2 through 8 for both basic and advanced scores for math, reading and language arts. The district did not have any eligible students for reading in grade 8. The district did not have any eligible students for math in grades 3 and 8. The advanced math student in the fourth grade was unavailable for testing. The only students eligible for language arts were in grades 2 through 5. Students in grades 9 through 11 showed gains in all subjects served except for language arts for the eleventh grade.

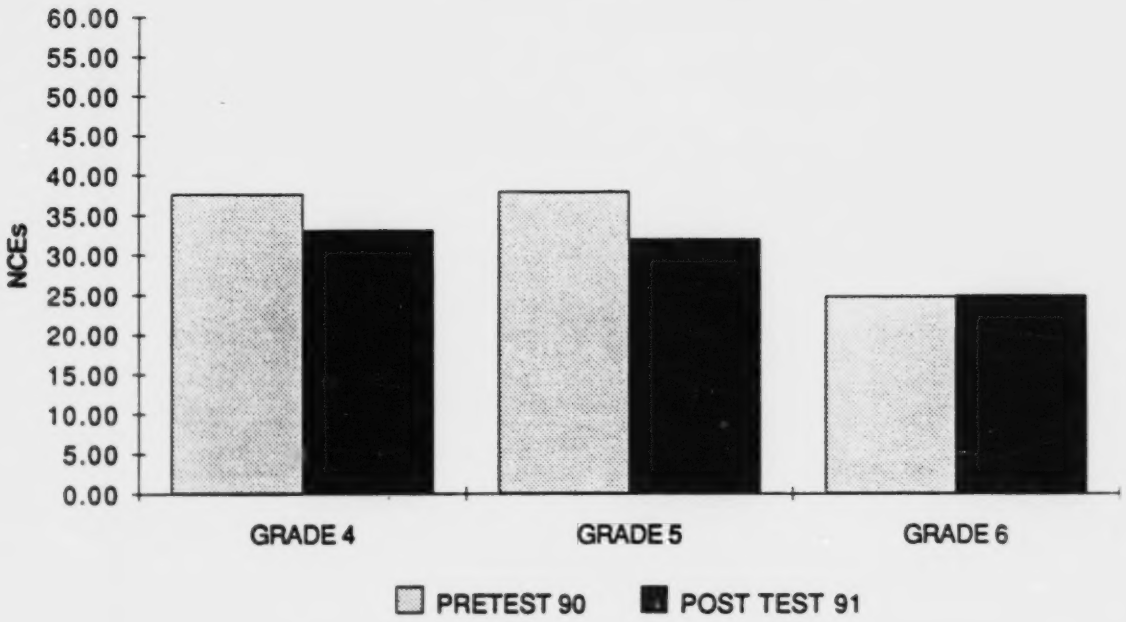
HUMBOLDT COUNTY SCHOOL DISTRICT



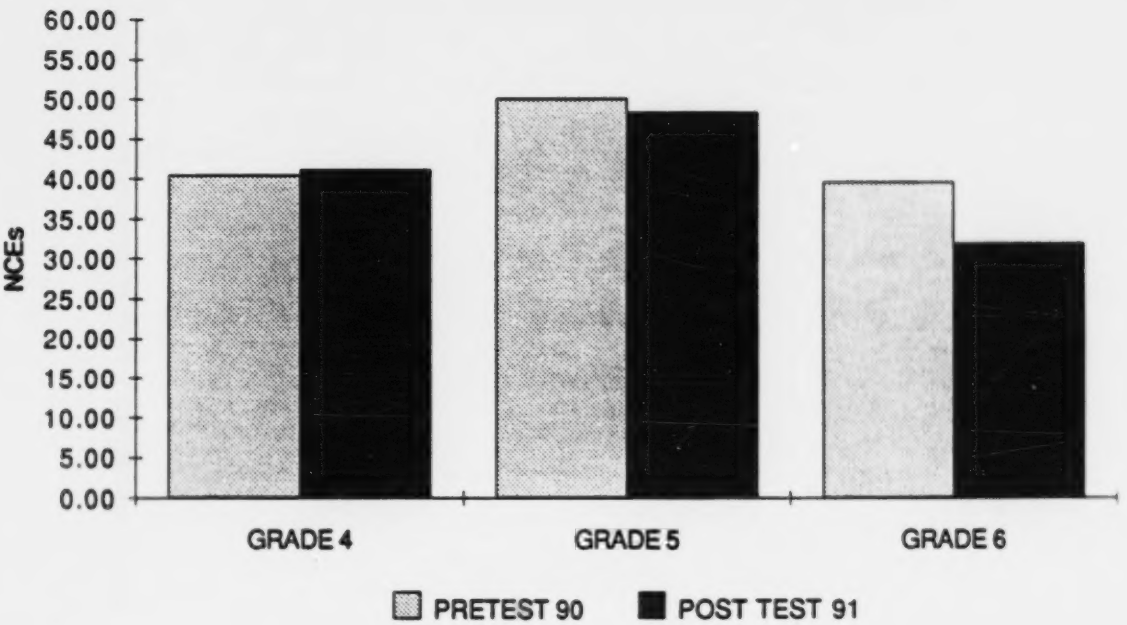
The Chapter 1 program in Humboldt County School District served 319 students in grades 1 through 8. The district's greatest need was in language arts and they chose to serve students in that subject area. Pre and post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 8. One school showed a significant need to provide Chapter 1 support for math instead of language arts. This school showed an aggregated basic math gain of 10.2 NCEs and an advanced math gain of 3.4 NCEs.

LANDER COUNTY SCHOOL DISTRICT

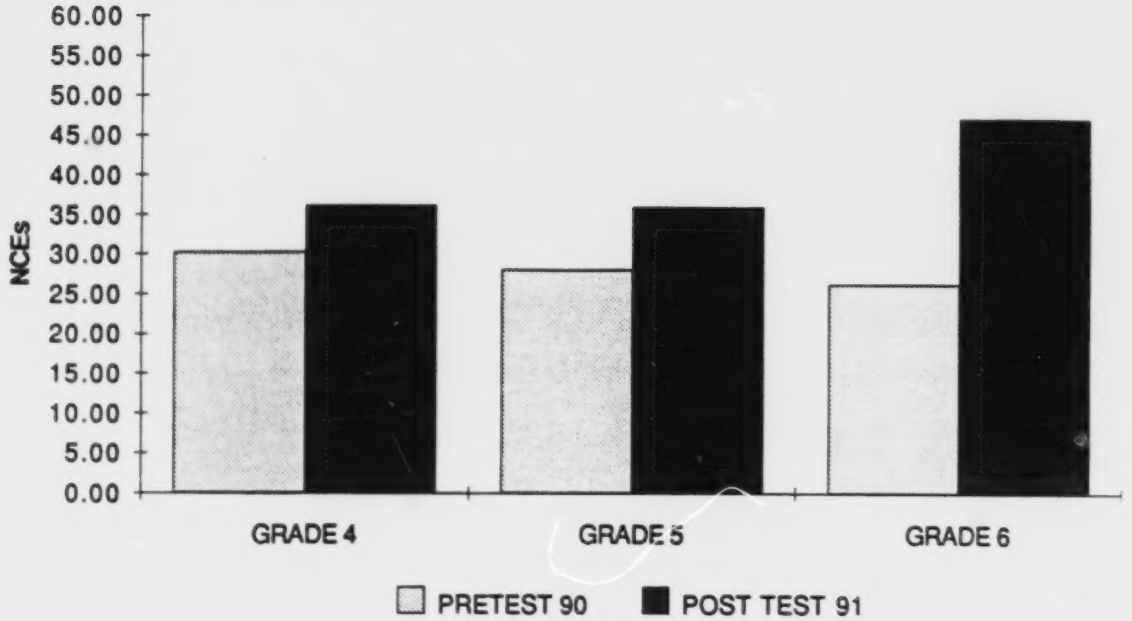
LANDER BASIC READING



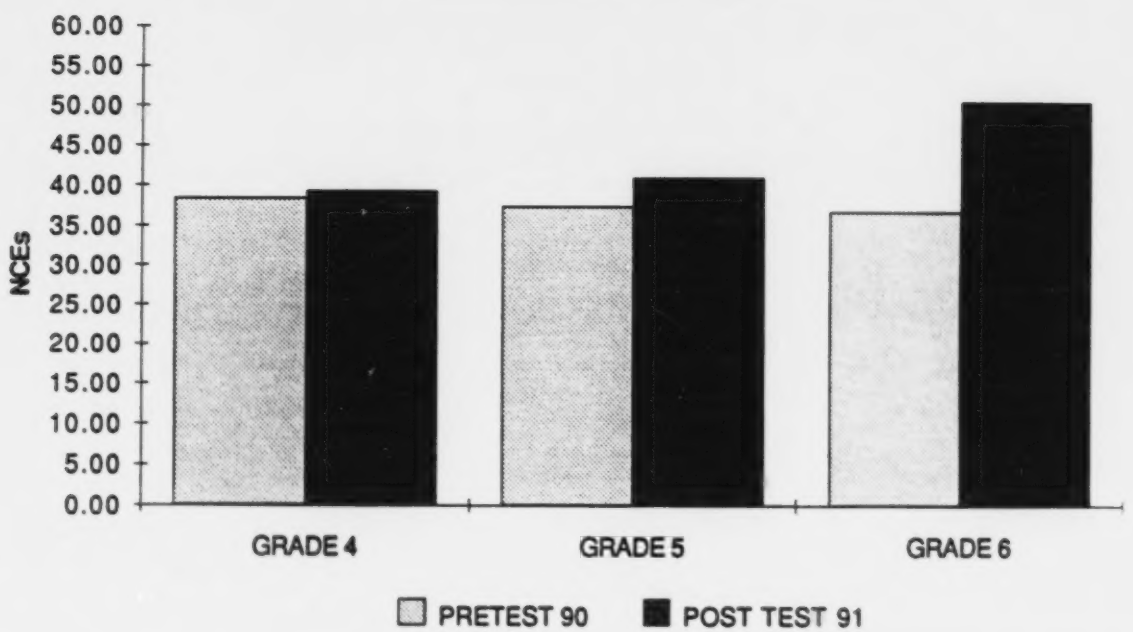
LANDER ADVANCED READING



LANDER BASIC MATH

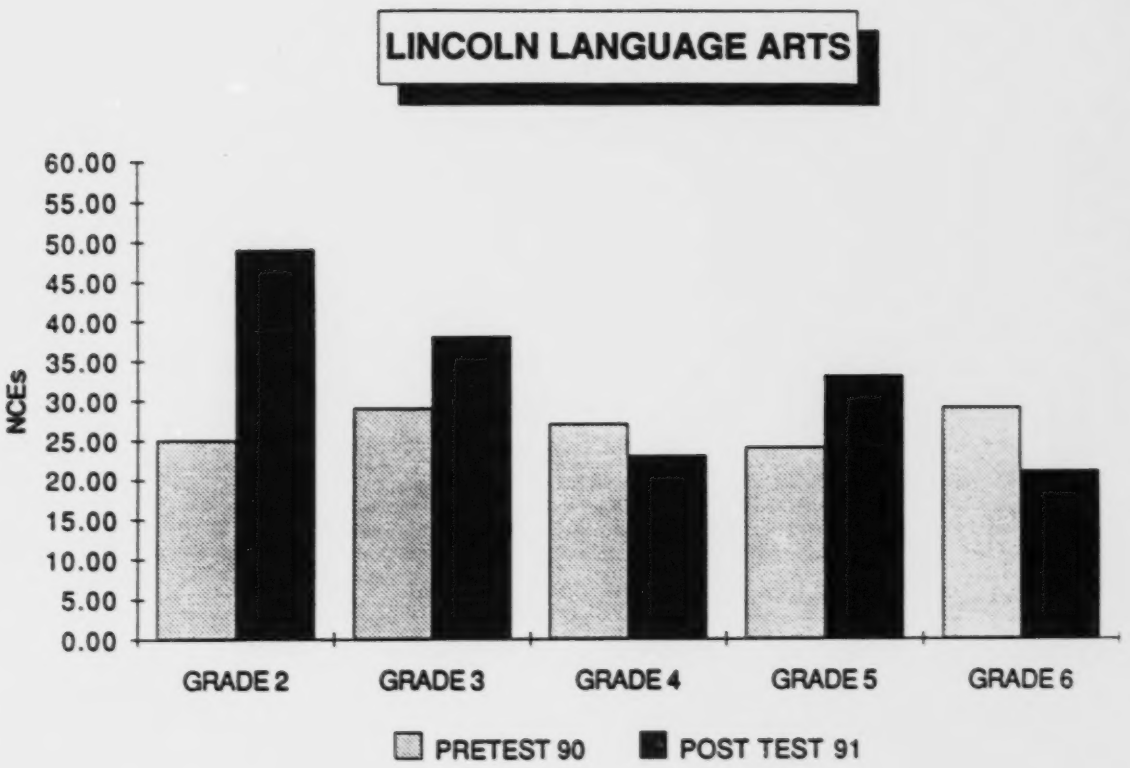


LANDER ADVANCED MATH



The Chapter 1 program in Lander County School District served 59 students in grades 4 through 6. The district's greatest need was in reading and they chose to serve students in that subject area along with math. Post test results were measured using the Stanford Diagnostic Test in grades 4 through 6 for both basic and advanced skills in reading and math. Results in math exceeded program results in reading.

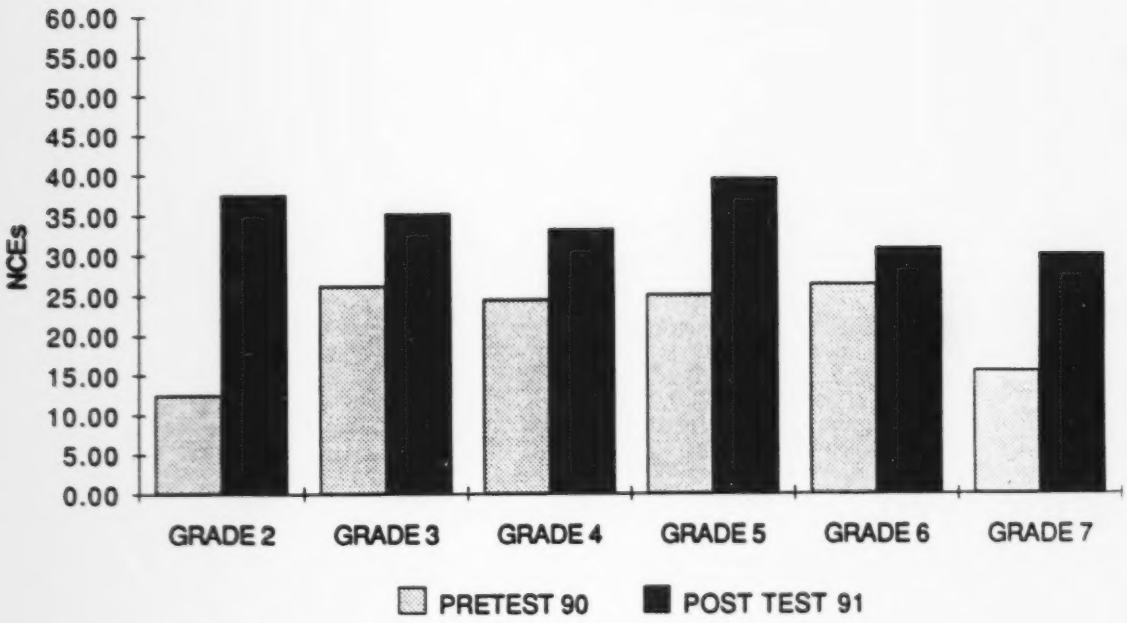
LINCOLN COUNTY SCHOOL DISTRICT



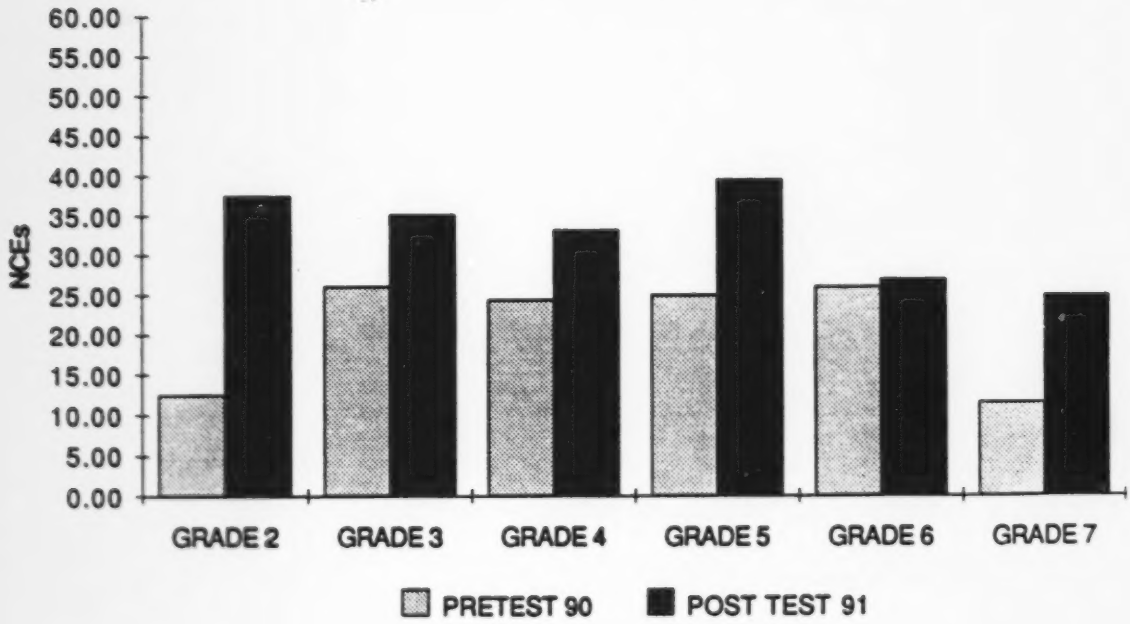
The Chapter 1 program in Lincoln County School District served 38 students in grades 2 through 6. The district's greatest need was Language Arts. Pre/Post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 6.

LYON COUNTY SCHOOL DISTRICT

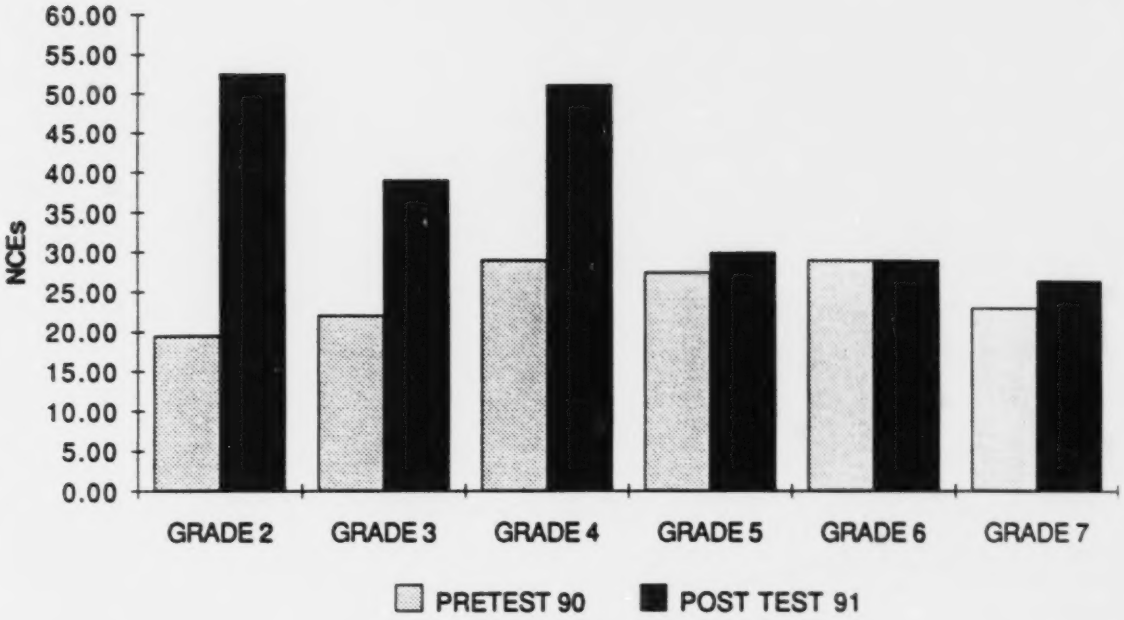
LYON BASIC READING



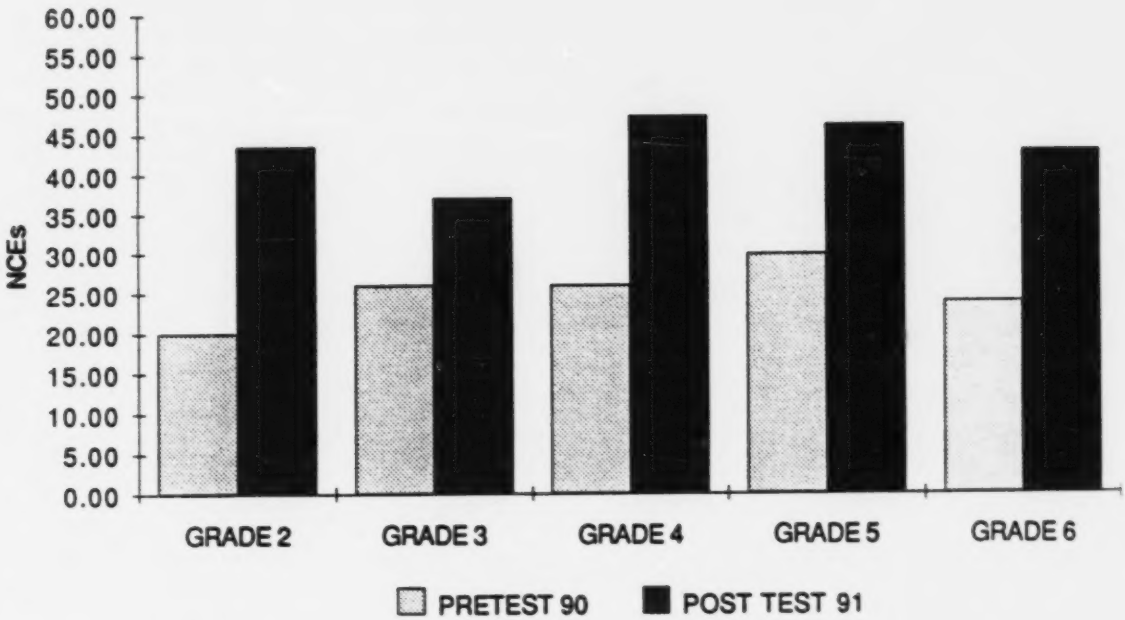
LYON ADVANCED READING



LYON BASIC MATH



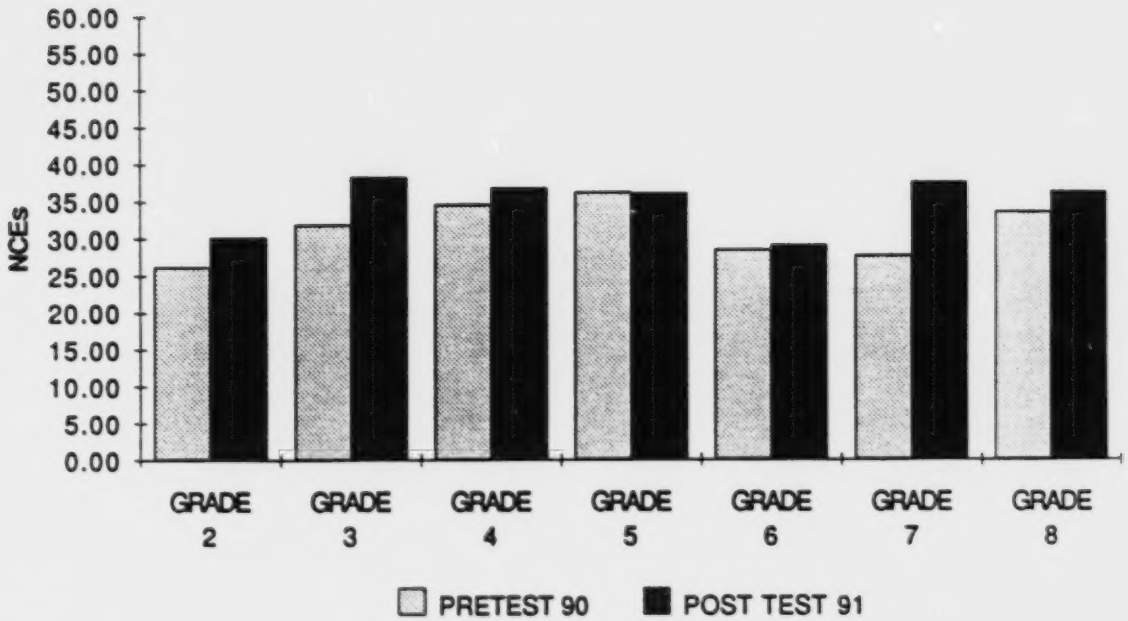
LYON ADVANCED MATH



The Chapter 1 program in Lyon County School District served 194 students in grades 2 through 7. The district's greatest need was reading and they chose to serve students in that subject area along with math and language arts. Pre/Post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 7. Language arts scores were unavailable at the time of this report.

MINERAL COUNTY SCHOOL DISTRICT

MINERAL BASIC READING



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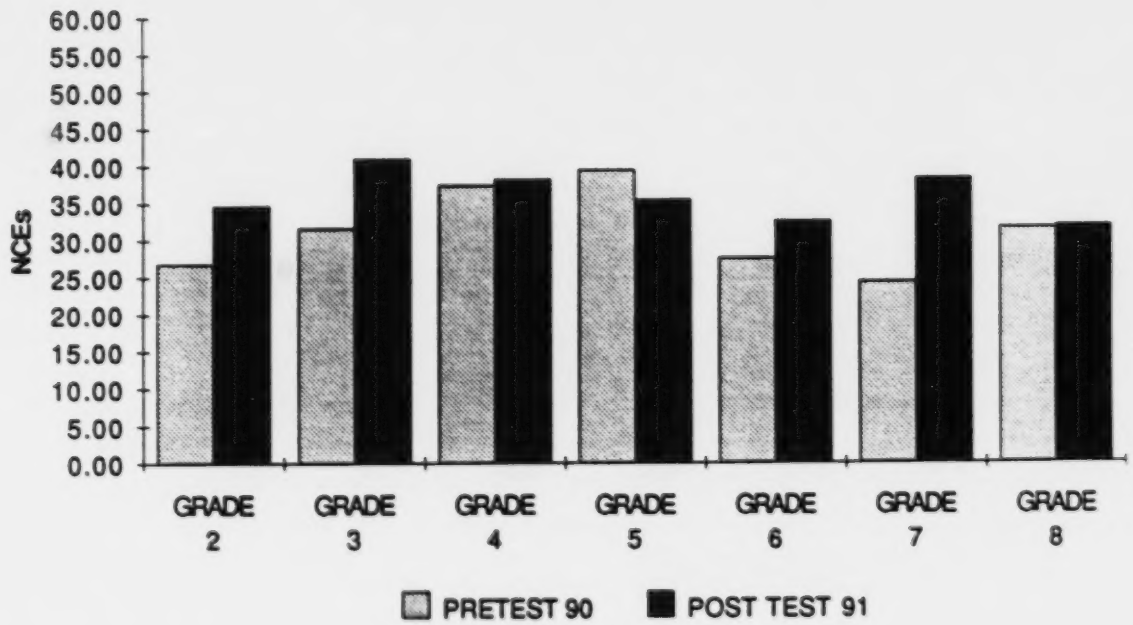
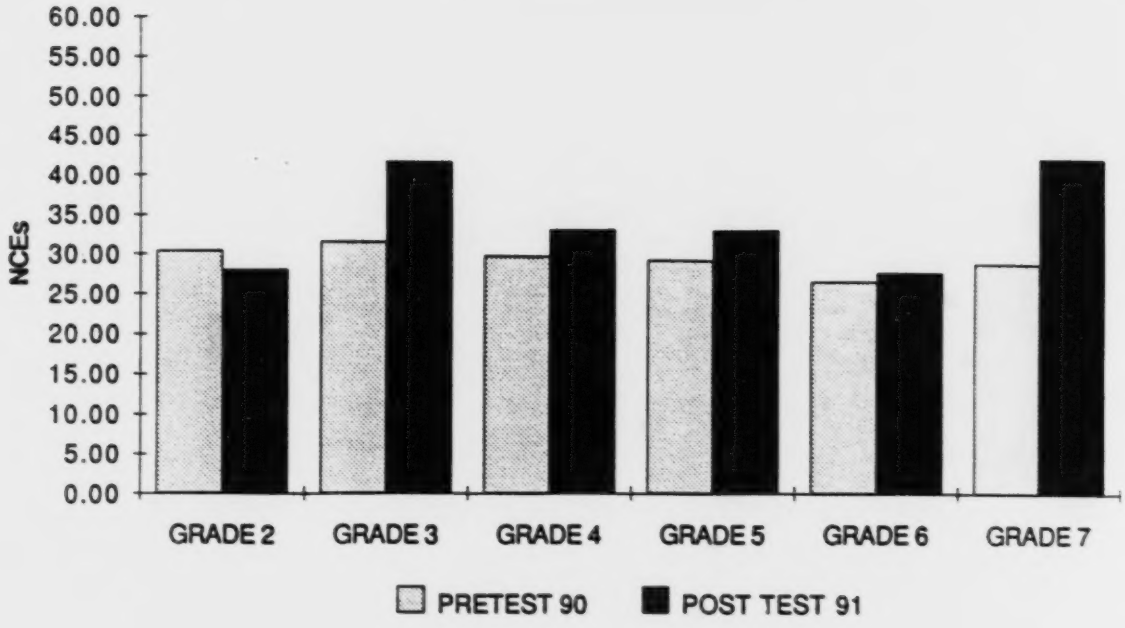
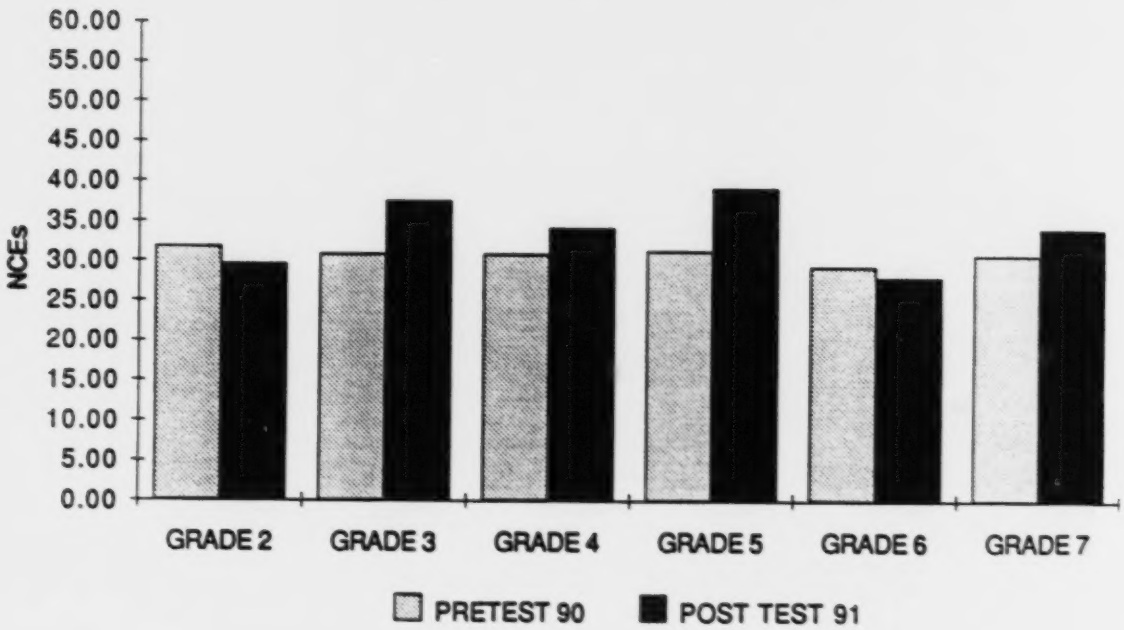


MINERAL BASIC MATH

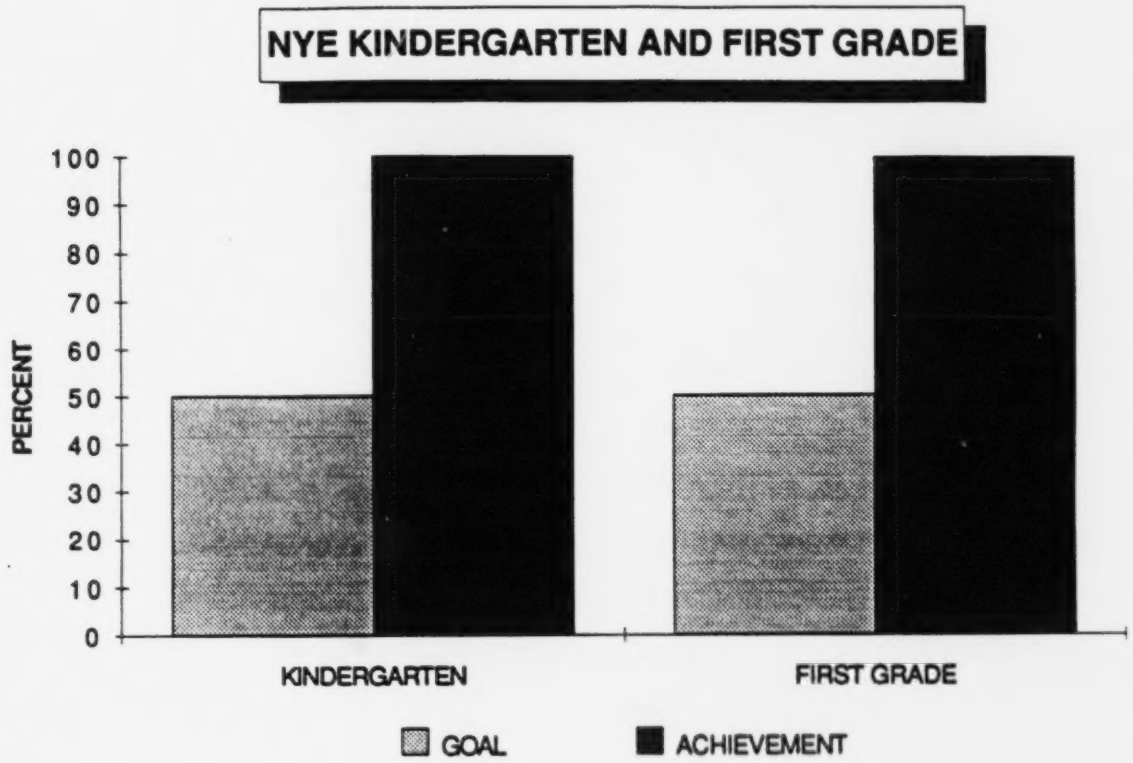


MINERAL ADVANCED MATH



The Chapter 1 program in Mineral County School District served 181 students in grades 1 through 8. The district's greatest need was mathematics and they chose to serve students in that subject area along with reading as a second priority subject. Pre/Post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 8.

NYE COUNTY SCHOOL DISTRICT



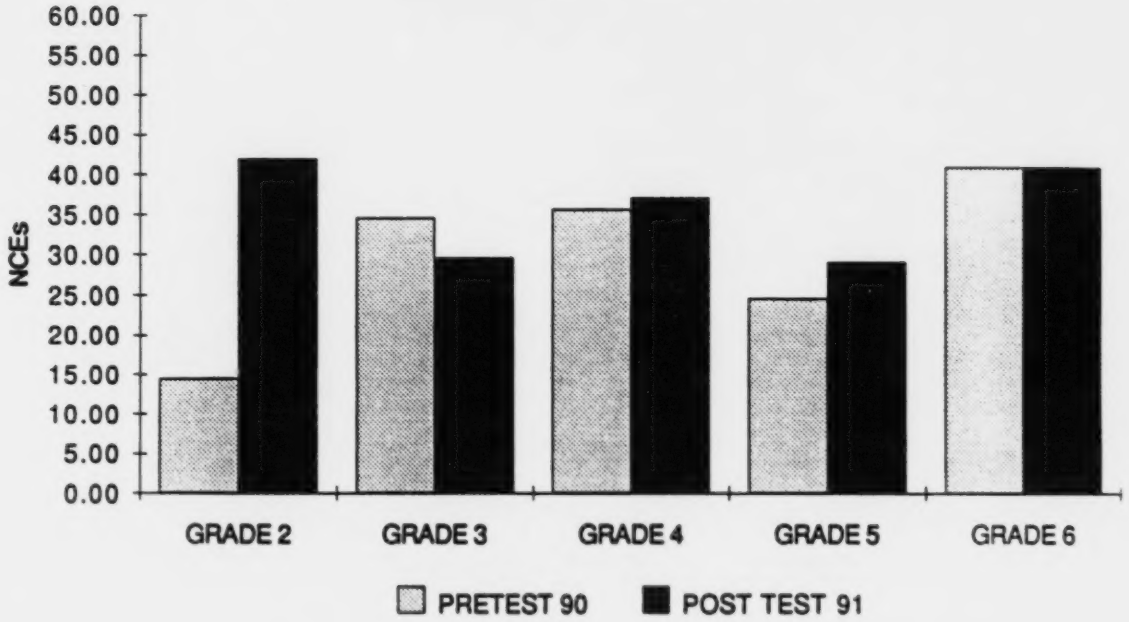
GOAL - 50% of the kindergarten and the first grade students served by the Chapter 1 program and completing the pre/post tests using the Early Prevention of School Failure Developmental Checklist will meet the following expectations for their grade.

KINDERGARTEN:	Student will:	
1.	Pictures to Identify	Correctly respond to 6 of 10.
2.	Auditory Integration	Correctly respond to 5 of 9.
3.	Vocabulary	Correctly respond to 5 of 8.
4.	Auditory Memory	Correctly respond to 5 of 9.
5.	Visual Pattern	Correctly respond to 4 of 7.
FIRST GRADE:	Student will:	
1.	Pictures to Identify	Correctly respond to 7 of 10.
2.	Auditory Integration	Correctly respond to 6 of 9.
3.	Vocabulary	Correctly respond to 5 of 8.
4.	Auditory Memory	Correctly respond to 6 of 9.
5.	Visual Pattern	Correctly respond to 5 of 7.

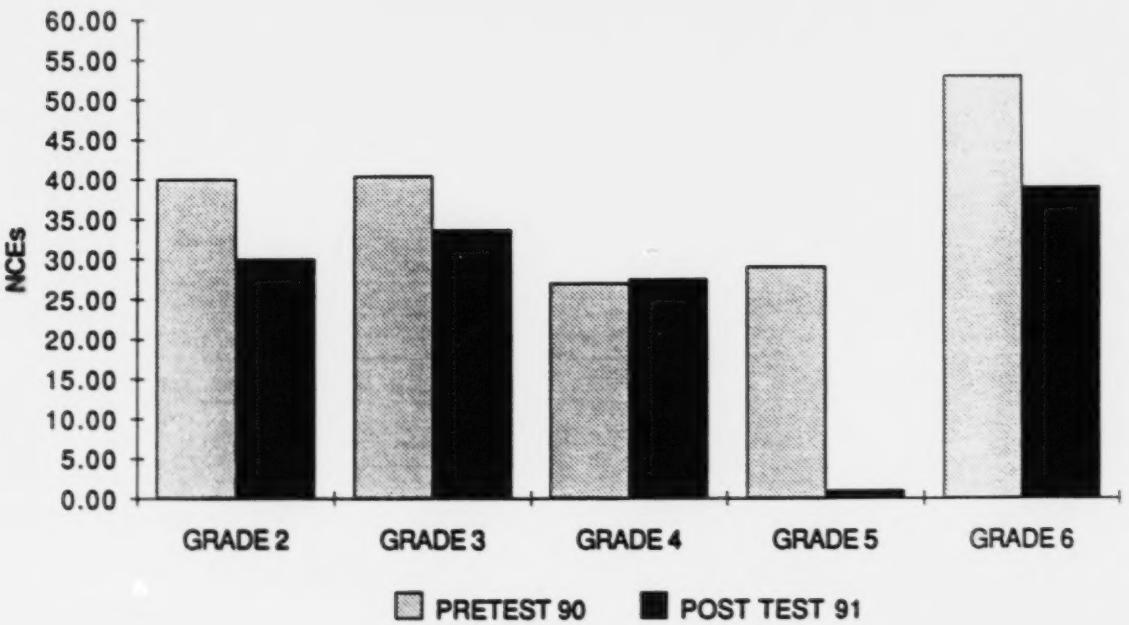
Nye County School District served 107 Chapter 1 eligible students in grades K and 1. All the students showed growth when comparing the pre/post tests results using the Early Prevention of School Failure Developmental Checklist. The expected outcomes are indicated above.

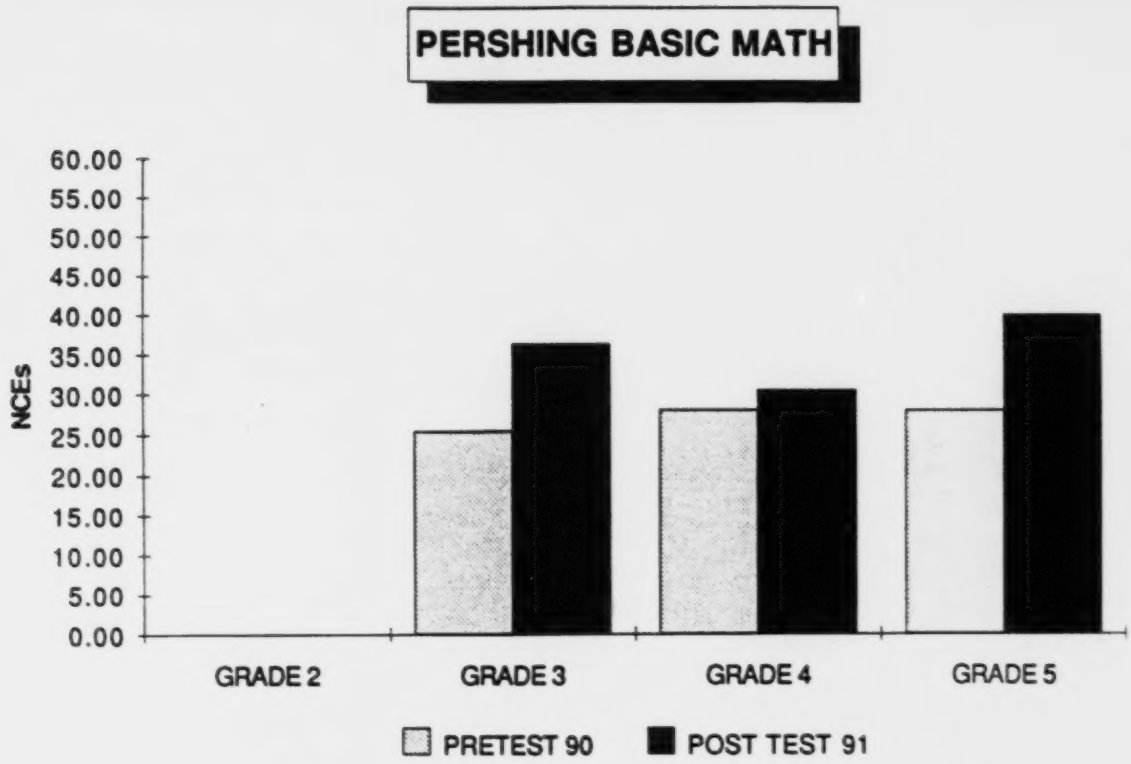
PERSHING COUNTY SCHOOL DISTRICT

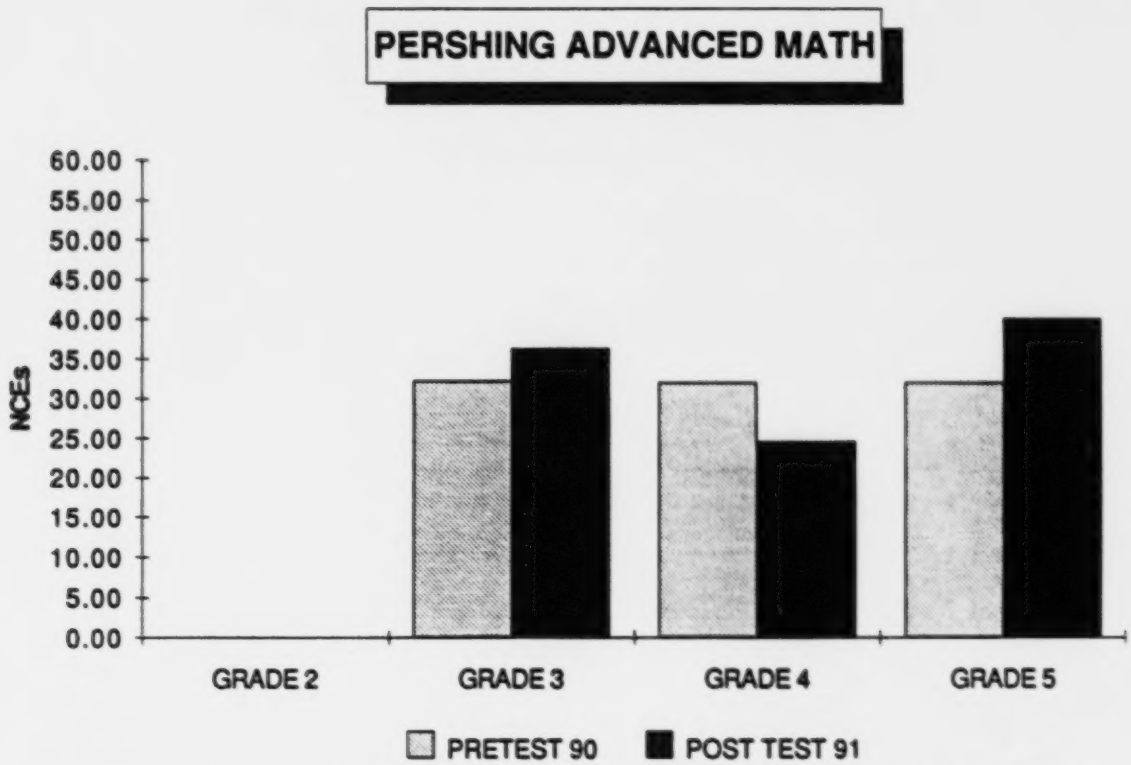
PERSHING BASIC READING



PERSHING ADVANCED READING



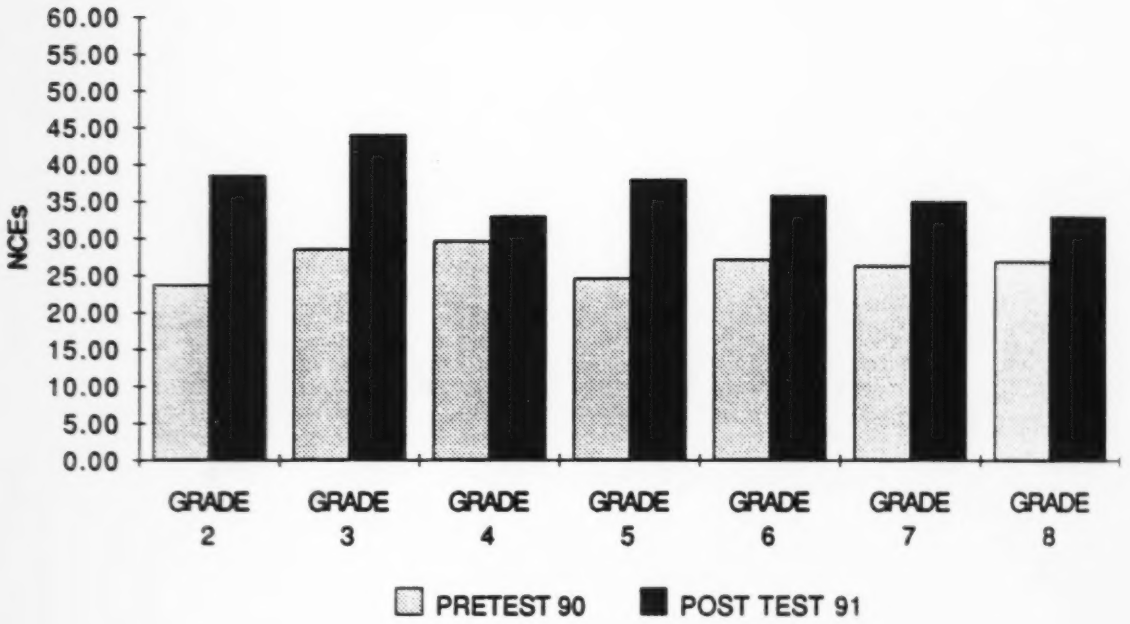




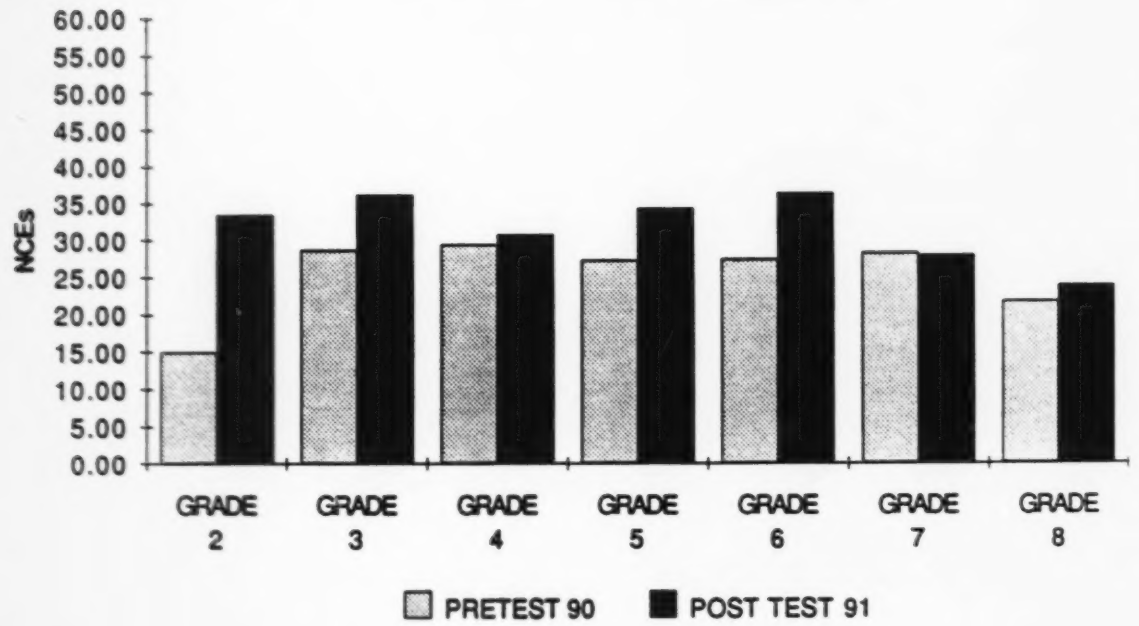
The Chapter 1 program in Pershing County School District served 42 students in grades 1 through 6. The district's greatest need was in reading and they chose to serve students in that subject area along with math as a second priority. Pre/Post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 6. Basic Reading scores were nearly equal to or higher than the state average at all grade levels. Eligible math students were only found in grades 3 through 5.

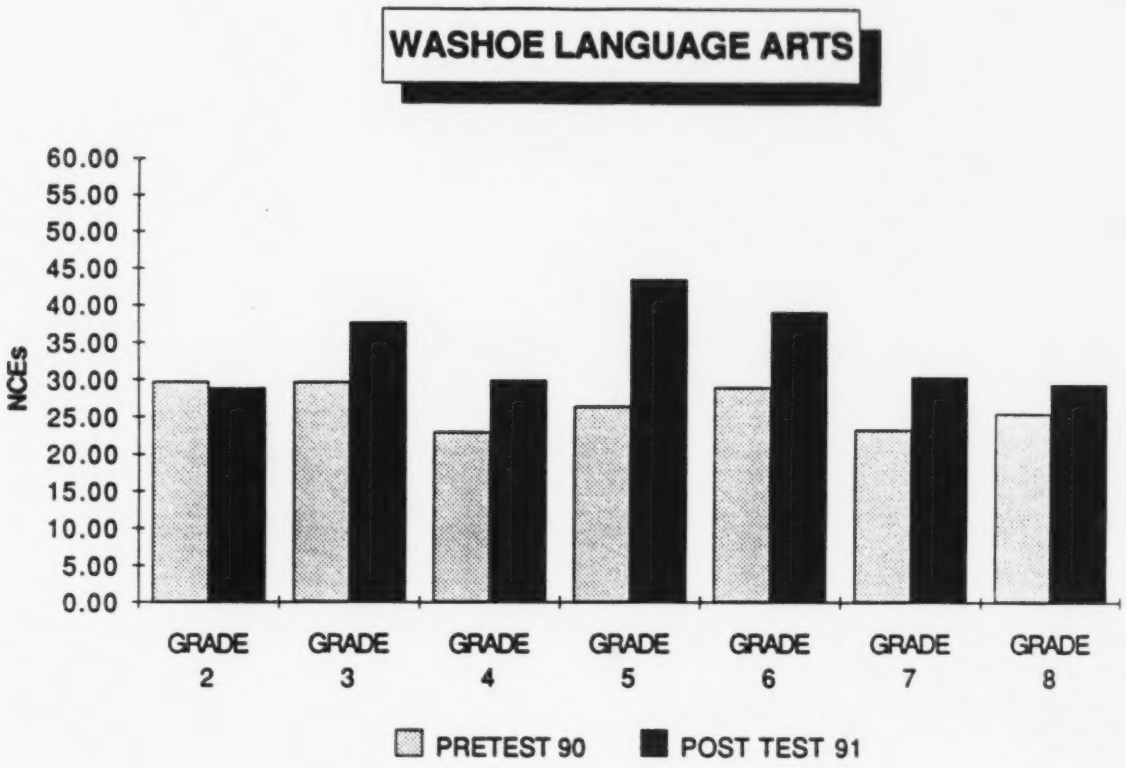
WASHOE COUNTY SCHOOL DISTRICT

WASHOE BASIC MATH



WASHOE ADVANCED MATH

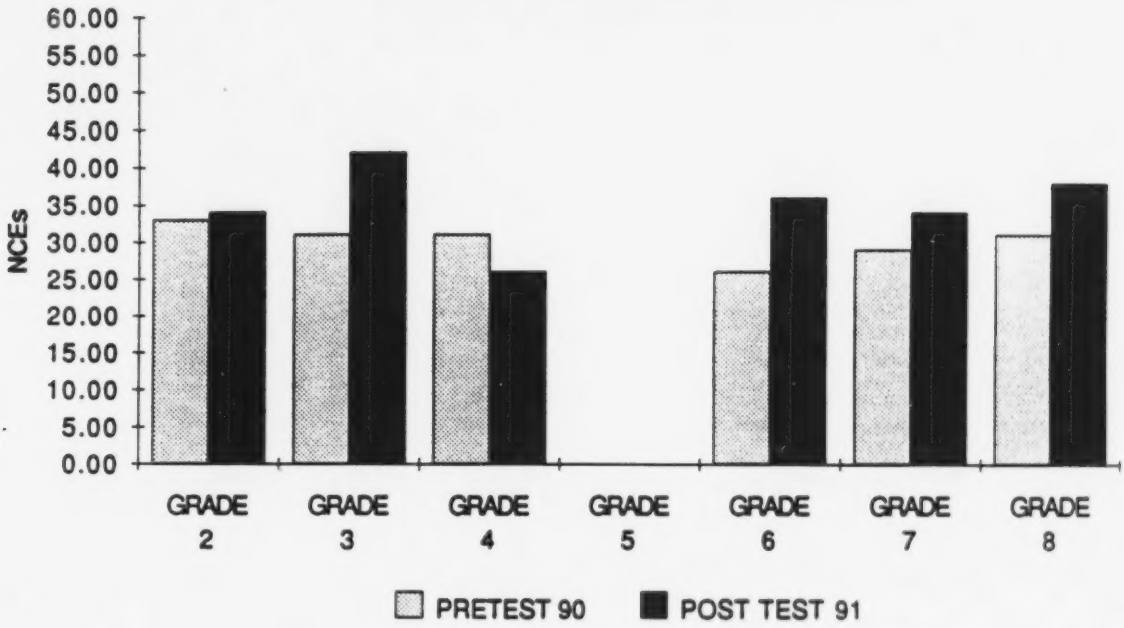




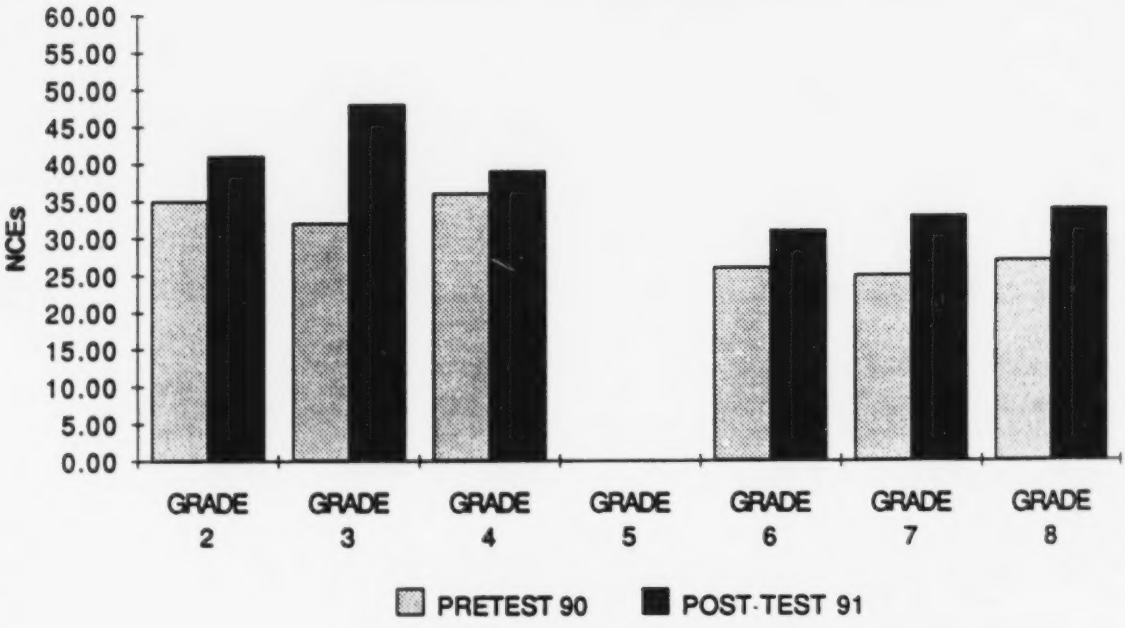
Washoe County School District served Chapter 1 eligible students in grades 2 through 8 in the subjects of math and language arts. The district served 1598 students in grades 2 through 8. Three of these students were enrolled in a non-public school. Pre/Post test gains were measured using the Comprehensive Test of Basic Skills in grades 2 through 8.

WHITE PINE COUNTY SCHOOL DISTRICT

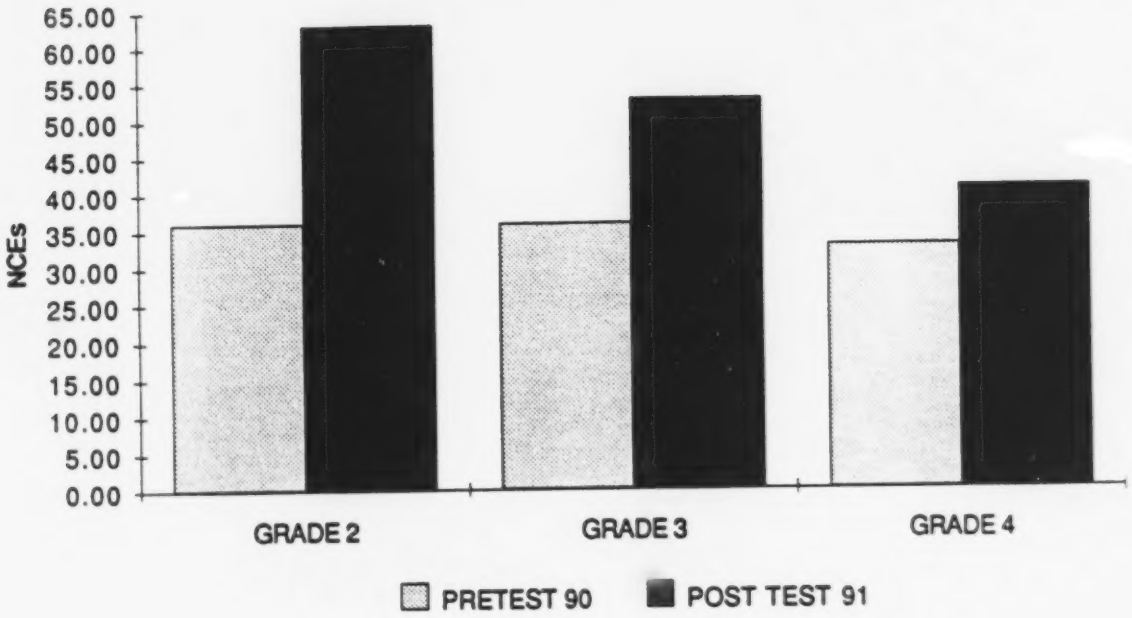
WHITE PINE BASIC READING



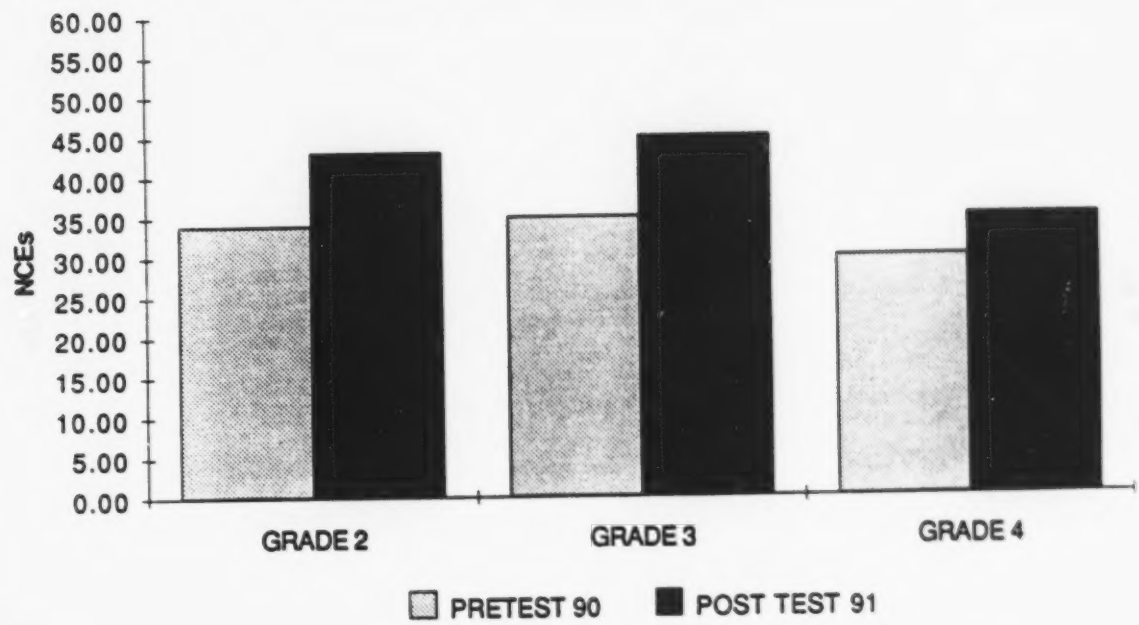
WHITE PINE ADVANCED READING

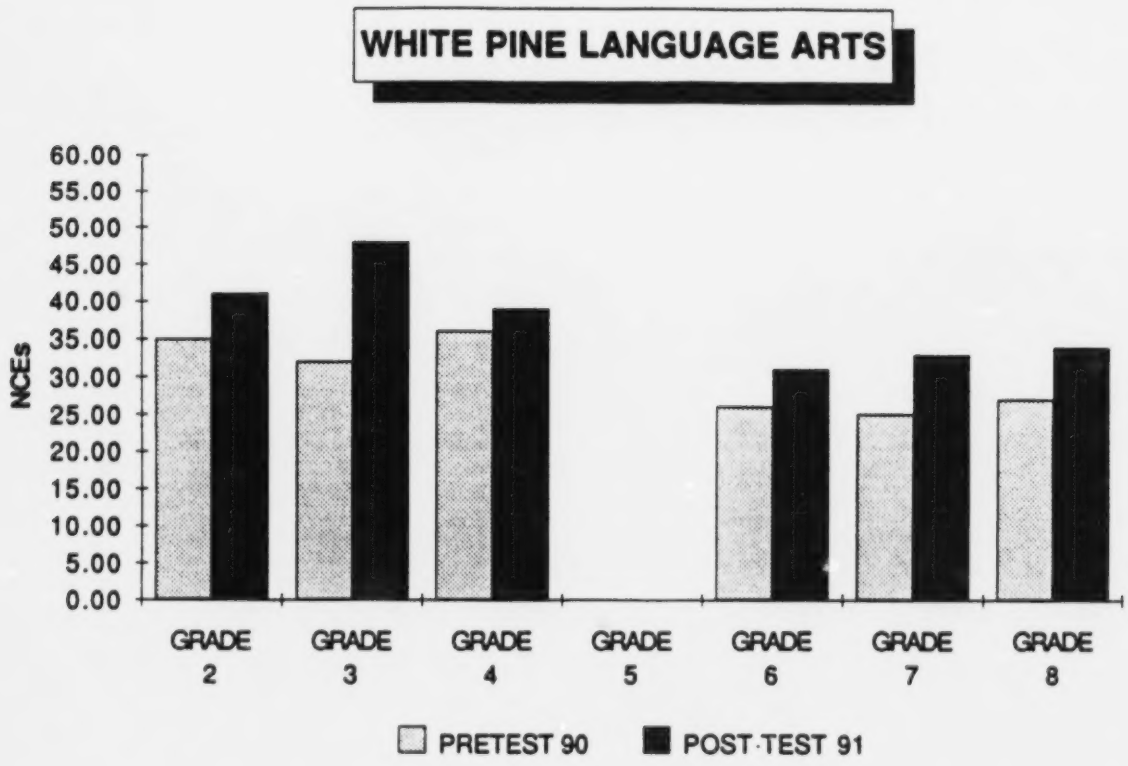


WHITE PINE BASIC MATH



WHITE PINE ADVANCED MATH





The Chapter 1 program in White Pine County School District served 104 students in grades 1 through 8. The district's greatest need was in reading and they chose to serve students in that subject area along with math and language arts. Students in the fifth grade did not receive Chapter 1 services. There were no students eligible for Chapter 1 math services in grades 6 through 8.

15 YEAR HISTORY - NEVADA CHAPTER 1, BASIC, PARTICIPANTS

FY	PUBLIC	PRIVATE	TOTAL
1977	4,958	115	5,073
1978	5,266	94	5,360
1979	5,270	73	5,343
1980	5,891	87	5,978
1981	5,490	98	5,588
1982	6,692	118	6,810
1983	7,020	61	7,081
1984	7,827	91	7,918
1985	8,479	113	8,592
1986	9,353	39	9,392
1987	8,000	143	8,143
1988	9,228	77	9,305
1989	11,694	68	11,762
1990	9,788	73	9,861
1991	10,207	140	10,347
GRAND TOTAL	115,163	1,390	116,553